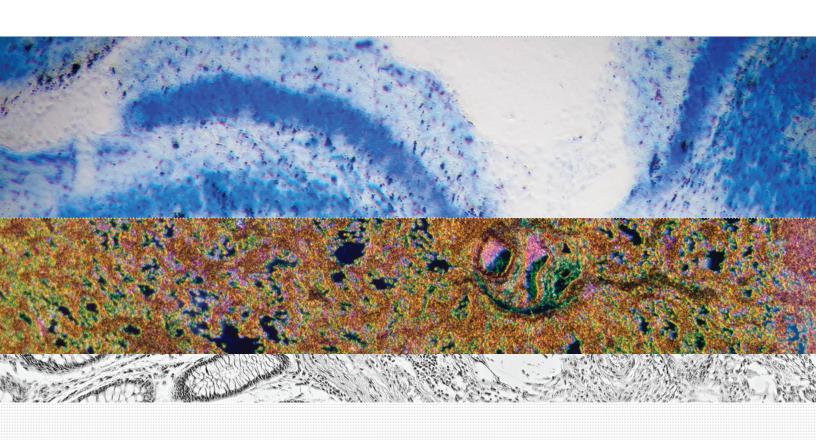




# Product Overview





# Abgent: your partner for antibodies and related reagents

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1 Legends

Abgent is a manufacturer and distributor of high quality antibody products and additional life science research reagents. Our large portfolio of primary antibodies covers a vast array of research fields, pathways, and disease areas. With unsurpassed production capabilities and flexibility, Abgent is proud to be your primary antibody partner and strives to provide you with the solutions you need for your research.

Our primary antibodies and related reagents are widely used in various research areas, such as Autophagy, Stem Cells, Protein Modification, Gene Regulation, and many more.

The products detailed in this brochure are only a few examples of the solutions

Abgent can offer you. For an extensive list of our products, visit our website at

www.abgent.com and see for yourself why Abgent is your partner for all your primary
antibody needs.

# Autophagy Antibodies (>200 products)

Autophagy, or auto-phagocytosis, is a catalytic process involving the degradation of the cell's own components such as bulk cytoplasmic contents, abnormal protein aggregates, and excess or damaged organelles, through the lysosomal machinery.

Autophagy involves the formation of a lipid bilayer membrane around a region of cytoplasm, sequestering macromolecules destined to be eliminated, the autophagosome, and its fusion to a cellular lysosome.

Autophagy is a tightly regulated process that plays a role in cell growth, development, and homeostasis, and this process can be stimulated by cellular stress events, such as nutrient starvation, infection, repair mechanisms, and programmed cell death.

Autophagy has been linked in a positive or negative way to aging and many diseases including atherosclerosis, cancer, degenerative diseases, diabetes, and chronic infections. See below for a select listing, and visit the Abgent website to view all of our high quality autophagy antibody products.

#### I C3

|   | CAT. #  | Antibody             | SP | ISO    | VAILD          | SPEC    |
|---|---------|----------------------|----|--------|----------------|---------|
| 1 | AP1802a | LC3 (APG8B) (N-term) | Rb | plg    | WB, IHC, IF, E | H, M, R |
|   | AP1801a | LC3 (APG8A) (N-term) | Rb | plg    | WB, IHC, IF, E | H, M, R |
|   | AM1800a | LC3 (APG8)           | Ms | mlgG1k | WB, IHC, IF, E | H, M, R |
|   | AP1806a | Cleaved LC3B         | Rb | plg    | IF, IHC, E     | H, M    |
| 2 | AP3301a | phospho-LC3C-S12     | Rb | plg    | WB, DB, E      | Н       |

#### Beclin 1 (APG6)

|   | CAT. #  | Antibody           | SP | ISO   | VAILD          | SPEC |
|---|---------|--------------------|----|-------|----------------|------|
| 3 | AM1818a | Beclin 1 (Ascites) | Ms | mlgG3 | WB, IHC, E     | Н    |
|   | AP8118a | Beclin 1 (Q196)    | Rb | plg   | WB, IHC, E     | H, M |
|   | AP1818b | Beclin 1 (E225)    | Rb | plg   | WB, IHC, FC, E | H, M |
|   | AP1818c | Beclin 1 (C-term)  | Rb | plg   | WB, IHC, E     | H, M |

#### APG5

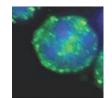
|   | CAT. #  | Antibody      | SP | ISO | VAILD      | SPEC |
|---|---------|---------------|----|-----|------------|------|
| 3 | AP1812b | ATG5 (C-term) | Rb | plg | WB, IHC, E | H, M |
|   | AP1812a | ATG5 (N-term) | Rb | plg | WB, IHC, E | H, M |

#### APG12

|   | CAT. #  | Antibody             | SP | ISO | VAILD      | SPEC |
|---|---------|----------------------|----|-----|------------|------|
| 4                                       | AP1151a | ATG12 (N-term)       | Rb | plg | WB, IF, E  | H, M |
|   |         | APG10L (C-term S116) | Rb | plg | WB, IHC, E | Н    |
| *************************************** | AP1816a | ATG12 (N-term)       | Rb | plg | WB, IHC, E | Н    |

#### SQSTM1 (p62) & UVRAG

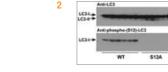
|   | CAT. #  | Antibody              | SP | ISO | VAILD              | SPEC |
|---|---------|-----------------------|----|-----|--------------------|------|
| 4 | AP2183b | SQSTM1 (p62) (C-term) | Rb | plg | WB, IHC, IF, E     | Н    |
|   | AP7239d | STK11 (N-term V34)    | Rb | plg | WB, E              | Н    |
|   | AP8115a | ULK (N-term)          | Rb | plg | WB, IHC, E         | Н    |
|   | AP1850e | UVRAG (C-term L555)   | Rb | plg | WB, E              | Н    |
| 7 | AP1850b | UVRAG (C-term)        | Rb | plg | WB, IHC, IF, IP, E | H, M |
|   | AP1850c | UVRAG (Center)        | Rb | plg | WB, IHC, E         | H, M |
|   | AP1850d | UVRAG (L133)          | Rb | plg | WB, IF, E          | H, M |



IF analysis of LSK cells using LC3 (APG8B) (N-term) pAb. Kindly provided by Wenbin Xiao, La Jolla Institute for Allergy and Immunology, La Jolla, CA.



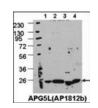
WB analysis of rat brain lysate using the LC3 (APG8B) (N-term) pAB. P: membrane fraction; S: soluble fraction.



Immunoblots of phospho-LC3 in CHO cell culture using the phospho-LC3C-S12 pAB. LC3 and LC3 S12A mutant vectors were transfected into CHO cells.



WB analysis of HepG2, 293, Jurkat, and HeLa cell lysates using the Beclin1 mAb.



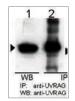
WB analysis of cos7, HEk293, MEF, and HeLa cell lysates using the ATG5 (C-term) pAb.



Mouse leukemic monocyte macrophage treated with vinblastin. APG12L was detected using the ATG12 (N-term) pAb (red). Kindly provided by Dr. Barry Boland, Department of Pharmacology, Oxford University, UK.



IF analysis on methanol- fixed (upper panel) and PFA-fixed (lower panel) HeLa cells using the SQSTM1 (p62) (C-term) pAb.



WB (lane 1) and IP (lane 2) analysis of UVRAG in 293T cells transfected with exogenous UVRAG using the UVRAG (C-term) pAb.

# Stem Cell Antibodies (>1,000 products)

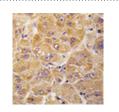
Stem cells are actively dividing pluripotent cells that retain the capacity to differentiate, when triggered by specific factors, into specialized post-mitotic cells. When unchallenged by differentiation factors, a stem cell maintains itself in a state of long-term self-renewal via mitotic division.

Because of their unique properties of self-regeneration and differentiation, stem cells are extensively studied with the hope they can be used as part of therapeutic regimens for neurodegenerative diseases, cancers, and other ailments. Current research efforts have focused on the intrinsic and extrinsic signals that drive a stem cell to differentiate into a given cell type. Abgent is taking an active role in these initiatives by leveraging its unsurpassed production capabilities to develop one of the most extensive antibody collections specifically targeting key stem cell markers.

Abgent's stem cell antibody portfolio includes not only well-characterized targets such as SOX2, OCT4, KLF4, NANOG, c-KIT, and LGR5, but also state of the art targets emerging from the most cutting edge research. Visit our website at www.abgent.com for more information on Abgent's extensive list of stem cell markers.

#### **Featured Products**

|    | CAT. #  | Antibody         | SP | ISO     | VAILD                 | SPEC  |
|----|---------|------------------|----|---------|-----------------------|-------|
| 1  | AP1465c | ALDH1A1 (Center) | Rb | plg     | WB, IHC, IF,<br>FC, E | Н     |
| 2  | AP1482d | CD9 (center)     | Rb | plg     | WB, IF, FC, E         | Н     |
| 3  | AP7656a | c-KIT (N-term)   | Rb | plg     | WB, IHC, FC, E        | H, Pr |
| 4  | AP1485c | LIN28B (Center)  | Rb | plg     | WB, IHC, IF,<br>FC, E | Н     |
| 5  | AP1486c | NANOG (Center)   | Rb | plg     | WB, IHC, IF,<br>FC, E | Н     |
| 6  | AP2758c | SOX1 (Center)    | Rb | plg     | WB, IHC, IF, E        | Н     |
| 7  | AM2725a | KLF4             | Ms | mlgG1   | WB, IF, FC, E         | Н     |
| 8  | AT4002a | SOX9 (M04)       | Ms | mlgG1k  | WB, IF, E             | Н     |
| 9  | AT4060a | STAT1 (M01)      | Ms | mlgG2ak | WB, IF, E             | Н     |
| 10 | AT4513a | Vimentin (M01)   | Ms | mlgG2ak | WB, IF, E             | Н     |
| 11 | AT3384a | POU2F2 (M01)     | Ms | mlgG1k  | WB, IHC, E            | Н     |
| 12 | AM2048a | SOX2             | Ms | mlgG1   | WB, IHC, IF,<br>FC, E | Н     |



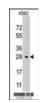
IHC analysis of human hepatocarcinoma tissue stained with the ALDH1A1 (Center) pAb (brown). Hematoxylin was used as counterstain (blue).



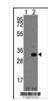
WB analysis of 293 cell lysates either non-transfected (lane1) or transiently transfected with an exogenous CD9 (lane 2) using the CD9 (Center) pAb.



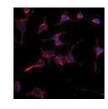
WB analysis of the c-KIT (N-term) pAB of serumstarved HeLa cell lysate (lane 1) and primate testis tissue lysate (lane 2).



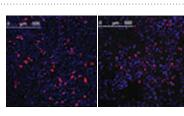
WB analysis of K562 cell lysates using the LIN28B (Center) pAb.



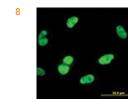
WB analysis of 293 cell lysates either non-transfected (lane1) or transiently transfected with an exogenous NANOG gene (lane 2) using the NANOG (Center) pAb.



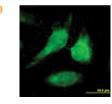
IF analysis of HeLa cells using the SOX1 (Center) pAb.



IF analysis of HeLa cells transfected with human KLF4 (left) or mouse (right) with the KLF4 mAb (red). Nuclei were counterstained using DAPI (blue).



IF analysis of HeLa cells using the SOX9 (M04) mAb.



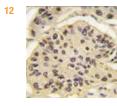
IF analysis of HeLa cells using the STAT1 (M01) mAb.



IHC analysis of human ovary tissue stained with the Vimentin (M01) mAb.



WB analysis of POU2F2 expression in HL-60 cell lysates using the POU2F2 (M01) mAb.



2F2 IHC analysis of human l cell lung carcinoma tissue 0U2F2 using the SOX2 mAb.

# Protein Modification Antibodies (>12,000 products)

Abgent started producing antibodies with a focus on protein modification, and that focus has allowed us to develop one of the most extensive collections in the world.

Our coverage includes: Acetylation, Glycosylation, Methylation, Phosphorylation, Sumoylation, Ubiquitination.

We also offer an antibody for EVERY HUMAN KINASE. Visit www.abgent.com to view our extensive portfolio of products and find the antibody that you are looking for.

#### Featured Products

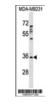
|   | CAT. #  | Antibody           | SP | ISO | VAILD          | SPEC    |
|---|---------|--------------------|----|-----|----------------|---------|
| 1 | AP7000d | Aurora-C (N-term)  | Rb | plg | WB, IF, E      | Н       |
| 2 | AP1034a | Dnmt3a             | Rb | plg | WB, IHC, E     | Н       |
| 3 | AP2172a | Mindbomb (N-term)  | Rb | plg | WB, IHC, IF, E | Н       |
|   | AP7011a | MSK2 (C-term R321) | Rb | plg | WB, IF, E      | H, M    |
| 5 | AP7099h | PARK8 (L955)       | Rb | plg | WB, IF, E      | H, M    |
| 6 | AP7025a | PKCv               | Rb | plg | WB, IHC, IF    | Н       |
| 7 | AP1202b | PRDM2              | Rb | plg | WB, IHC, IP, E | H, M, R |
| 8 | AP2104a | SMURF1 (N-term)    | Rb | plg | WB, IHC, E     | H, M    |

# Apoptosis Antibodies (>900 products)

Apoptosis is a tightly regulated process for dismantling and termination of unneeded, aging, mutated, or infected cells. Abgent is a leader in the selection of high quality antibodies for this research area. Our antibodies target a range of pro-apoptotic members of the BH2 domain such as Bax, Bak, Bid, and Bim, plus many more. In addition to the Bcl-2 proteins, our apoptosis line includes products against novel targets such as ABL, BRAF, p53, and TAO. Visit our website to view our complete selection.

#### Featured Products

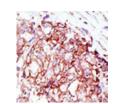
|   | CAT. #  | Antibody                       | SP | ISO | VAILD              | SPEC |
|---|---------|--------------------------------|----|-----|--------------------|------|
| 1 | AP1303a | BcI-2 (BH3 Domain<br>Specific) | Rb | plg | WB, IHC, IF, IP, E | Н    |
| 2 | AP1313b | CASP6 (C-term)                 | Rb | plg | WB, E              | H, M |
| 3 | AP7084b | FASTK (C-term)                 | Rb | plg | WB, E              | H, M |
|   | AP1332a | HtrA3 (N-term)                 | Rb | plg | WB, IHC, E         | H, R |
| 4 | AP1321a | BNIP3 (BH3 Domain<br>Specific) | Rb | plg | WB, IHC, IF, E     | H, M |
| 5 | AP1007d | PRMT5 (N-term P88)             | Rb | plg | WB, IHC, E         | Н    |
| 6 | AP6231a | PSEN1 (C-term)                 | Rb | plg | WB, IHC, E         | H, M |
| 7 | AP1317a | Puma (BH3 Domain<br>Specific)  | Rb | plg | WB, IHC, E         | H, M |
| 8 | AP2183b | SQSTM1 (C-term)                | Rb | plg | WB, IHC, IF, E     | Н    |
| 9 | AP1336b | TXNL1 (C-term)                 | Rb | plg | WB, IHC, E         | Н    |
|   | •       | •                              |    | •   | •                  | •    |



WB analysis of MDQ-MB231 cell lysates using the Aurora-C (N-term) pAb.



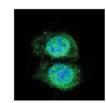
WB analysis of T47-D cell lysates using the Dnmt3a pAb.



IHC analysis of human cancer tissue using the Mindbomb (N-term) pAb.



IF analysis of 10T1/2 mouse fibroblasts using the MSK2 (C-term R321) pAb (red). Nuclei were counterstained using DAPI (blue). Kindly provided by B. Drobic and Dr. J. Davie, University of Manitoba, Canada.



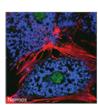
Confocal IF analysis of HeLa cells using the Bcl-2 (BH3 Domain Specific) pAb (green). DAPI was used to counterstain the nuclei (blue).



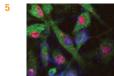
WB analysis of mouse liver tissue lysate using the CASP6 (C-term) pAB.



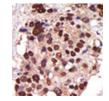
WB analysis of Jurkat cell lysates using the FASTK (C-term) pAb.



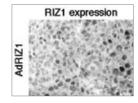
Confocal IF analysis of mouse hepatocytes stained with the BNIP3 (BH3 Domain Specific) pAb (green). F-actin and ATP-synthase were also detected (red and blue, respectively). Kindly provided by Ruben Zamora, University of Pittsburgh, PA, USA.



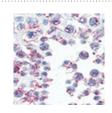
IF analysis of LRRK expression in Tau-transfected SY5Y cells using the PARK8 (L955) pAb (green). Phosphorylated tau has also been stained (red) and nuclei were counterstained by DAPI (blue).



IHC analysis of human cancer tissue using the PKCv pAb.



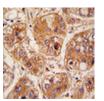
IHC analysis of AdRIZ1-infected HCT116 xenograft tumors using the PRDM2 pAb



IHC analysis of human testis tissue stained with the SMURF1 (N-term) pAb (red). Hematoxylin was used as counterstaining (blue).



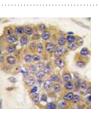
WB analysis of HeLa cell lysates preincuabted without (lane 1) and with (lane 2) PRMT5 blocking peptide HeLa cell lysates using the PRMT5 (N-term P88) pAb.



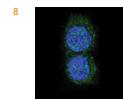
IHC analysis of human hepatocarcinoma tissue stained with the PRMT5 (N-term P88) pAb (brown). Hematoxylin was used as a counterstain (blue).



WB analysis of mouse kidney tissue lysate (left lane) and HL60 cell lysate (right lane) using the PSEN1 (C-term) pAb.



IHC analysis of human breast carcinoma tissue stained with the Puma (BH3 Domain Specific) pAb.



Confocal IF analysis of HeLa cells stained with the SQSTM1 (C-term) pAB (green). DAPI was used to counterstain the nuclei (blue).



WB analysis of HL-60 cell lysates using the TXNL1 (C-term) pAb.

6: www.abgent.com : 7

# Neurosciences Antibodies (>1,700 products)

Neurosciences are a vast field of study encompassing many processes from early neurogenesis to cognitive development and plasticity. The realm of neurosciences is de facto impacted by a multitude of cellular processes and mechanisms, such as apoptosis, autophagy, cell signaling, cell development and differentiation, and protein modification, to only name a few.

The empirical methods employed by the first neuroscientists have been enormously expanded by the incorporation of cutting edge methodologies borrowed from biochemistry and genetics, for instance. However, the most tremendous advances have been possible by the extensive use of antibodies to image not only the dynamics of individual nerve cells and their molecular constituents but also the perceptual and motor tasks in the brain.

Abgent has one of the most extensive antibody collections of antibodies dedicated to neurosciences research. From Alzheimer's and Parkinson's diseases to key processes including neurogenesis, Abgent is your antibody partner for the neurosciences.

#### Alzheimer's Disease Antibodies

|   | CAT. #  | Antibody             | SP | ISO | VAILD          | SPEC |
|---|---------|----------------------|----|-----|----------------|------|
| 1 | AP6306a | APP (N-term)         | Rb | plg | WB, IHC, FC, E | H, M |
| 2 | AP6103a | BACE1C (Center)      | Rb | plg | WB, IHC, FC, E | H, M |
|   | AP2024a | Neurogenin3 (N-term) | Rb | plg | WB, IHC, IF, E | H, M |
|   | AP6407a | DJ-1 (N-term)        | Rb | plg | WB, IF, E      | H, M |
|   | AP7099h | PARK8 (L955)         | Rb | plg | WB, IF, E      | H, M |
| 3 | AM6406a | PINK1 (Ascites)      | Ms | mlg | WB, IHC, E     | H, M |

#### Parkinson's Disease Antibodies

|   | CAT. #  | Antibody            | SP | ISO   | VAILD          | SPEC |
|---|---------|---------------------|----|-------|----------------|------|
|   | AP6402b | PARK2 (C-term)      | Rb | plg   | WB, IHC, FC, E | H, M |
|   | AP6406a | PARK6 (N-term T133) | Rb | plg   | WB, IHC, E     | H, M |
|   | AP6407a | PARK7 (N-term)      | Rb | plg   | WB, IF, E      | H, M |
|   | AM7099b | PARK8               | Ms | mlgG1 | WB, E          | H, M |
|   | AM7099a |                     | Ms | mlgG1 | WB, E          | H, M |
| 4 | AP7099h | PARK8 (L955)        | Rb | plg   | WB, IF, E      | H, M |
|   | AM6406a | PINK1 (Ascites)     | Ms | mlg   | WB, IHC, E     | H, M |

#### Neurogenesis Antibodies

|             | CAT. #  | Antibody             | SP | ISO     | VAILD          | SPEC |
|-------------|---------|----------------------|----|---------|----------------|------|
|             | AT1041a | ADAM11 (M01)         | Ms | mlgG2bk | WB, E          | Н    |
|             | AT1042a | ADAM12 (M01)         | Ms | mlgG3k  | WB, E          | Н    |
|             | AP1492a | ADAM17 (N-term)      | Rb | plg     | WB, FC, E      | Н    |
|             | AT1043a | ADAM2 (M01)          | Ms | mlgG2ak | WB, E          | Н    |
|             | AP7437a | ADAM9 (N-term)       | Rb | plg     | WB, FC, E      | H, M |
| *********** | AT1063a | AES (M02)            | Ms | mlgG1k  | WB, E          | Н    |
| 5           | AP7219b | DCAMKL1 (C-term)     | Rb | plg     | WB, IHC, IF, E | H, M |
|             | AP7126a | DCAMKL2 (N-term)     | Rb | plg     | WB, E          | Н    |
|             | AP6285a | MEF2C (S387)         | Rb | plg     | WB, IHC, E     | Н    |
|             | AP2021b | NeuroD1 (C-term)     | Rb | plg     | WB, E          | H, M |
|             | AP2022a | NeuroG1 (N-term)     | Rb | plg     | WB, E          | Н    |
|             | AP2023b | Neurogenin2 (C-term) | Rb | plg     | WB, E          | H, M |
| 6           | AP2024a | Neurogenin3 (N-term) | Rb | plg     | WB, IHC, IF, E | H, M |

# Phospho-Specific Antibodies & TAG Antibodies (>800 products)

Abgent is your leading resource for phospho-specific and other modification specific antibodies. Our manufacturing capabilities have allowed us to generate hundreds of antibodies that specifically recognize key phosphorylation sites. In addition, Abgent also has a wide selection of high quality TAG antibodies used in peer-reviewed studies. Visit Abgent's website to further view our excellent selection of phospho-specific and TAG antibodies.

#### TAG Antibodies

|   | CAT. #  | Antibody               | SP | ISO    | VAILD           | SPEC |
|---|---------|------------------------|----|--------|-----------------|------|
|   | AP1047a | 6xHIS Tag              | Rb | plg    | WB, E           | H, M |
|   | AP1015a | BTag                   | Rb | plg    | WB, E           | H, M |
|   | AP1013a | FLAG Tag<br>(DYKDDDDK) | Rb | plg    | WB, E           | H, M |
| 1 | AM1009a | GFP Tag                | Ms | mlgG1  | WB, IHC         | H, M |
|   | AM1011b | GST                    | Ms | mlgG1k | WB, E           | H, M |
|   | AP1298a | GST                    | Rb | plg    | WB, IHC, E      |      |
|   | AM1008a | HA Tag                 | Ms | mlgG2b | WB, E           |      |
| 2 | AP1012a | HA Tag                 | Rb | plg    | WB, IF, ChIP, E |      |
| 3 | AM1010a | HIS Tag                | Ms | mlgG1  | WB, E           |      |
|   | AM1007a | Myc Tag                | Ms | mlgG1  | WB, E           | H, M |
|   | AP1017a | Protein-C Tag          | Rb | plg    | WB, E           | H, M |

## Phospho-Specific Antibodies

|   | CAT. #  | Antibody                 | SP | ISO | VAILD          | SPEC                                    |
|---|---------|--------------------------|----|-----|----------------|---|
|   | AP3011a | Phospho-ABL1-Y134        | Rb | plg | WB, IHC, DB, E | Н                                       |
|   | AP3020a | Phospho-AKT1-S129        | Rb | plg | IHC, DB, E     | Н                                       |
| 4                                       | AP3077A | Phospho-CREB-S133        | Rb | plg | WB, IHC, E     | Н                                       |
| 5                                       | AP3003A | Phospho-H3-S10           | Rb | plg | WB, IHC, E     | Н                                       |
|   | AP3139A | Phospho-IRAK1-S376       | Rb | plg | WB, IHC, IF, E | Н                                       |
| 6                                       | AP3301A | Phospho-LC3C-S12         | Rb | plg | WB, DB, E      | Н                                       |
|   | AP3426A | Phospho-MAP4K4-<br>pS631 | Rb | plg | DB, E          | Н                                       |
|   | AP3595A | Phospho-MeCP2-<br>pS80   | Rb | plg | DB, E          | Н                                       |
|   | AP3167A | Phospho-MET-Y1349        | Rb | plg | WB, IHC, E     | Н                                       |
| 7                                       | AP3225A | Phospho-RAD9-S328        | Rb | plg | WB, IHC, DB, E | Н                                       |
|   | AP3235A | Phospho-RB-S608          | Rb | plg | IHC, DB, E     | Н                                       |
| *************************************** | •       | •                        |    | •   | •              | • · · · · · · · · · · · · · · · · · · · |



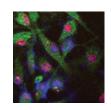




WB analysis of NCI-H460 cell lysates with the BACE1C (Center) pAb.



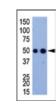
WB analysis of mouse brain tissue lysate with the PINK1 (Ascites) mAb.



IF analysis of LRRK expression in Tau-transfected SY5Y cells using the PARK8 (L955) pAb (green). Phosphorylated tau has also been stained (red) and nuclei were counterstained by DAPI (blue).



WB analysis of GFP recombinant protein using the GFP Tag mAb.



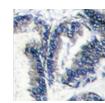
WB analysis of HA-tagged recombinant protein expressing bacterial lysate using the HA Tag pAb.



WB analysis of E. coli expressing HIS-tagged recombinant protein using the HIS Tag mAb.



WB analysis of CEM cell lysate using the Phospho-CREB-S133 pAb.



IHC analysis of human hepatocarcinoma stained with the DCAMKL1 (C-term) pAb (brown) and counterstained with hematoxylin (blue).



WB analysis of mouse liver tissue lysate using the Neurogenin3 (N-term) pAb.



WB analysis of CEM cell lysate using the Phospho-H3-S10 pAb.



DB analysis of the Phospho-LC3C-S12 pAb.



WB analysis of HL60 (left) and Y79 (right) cell lysates using the Phospho-RAD9-S328 pAb.

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#### China

Suzhou Industrial Park, 218 Lake St. Garden Biological Nano, Bldg #C10 Suzhou, China Tel: +86 512 69369088 Fax: +86 512 69369089 Email: sales@abgent.com.cn

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- Excellent delivery time
- Cost efficient pricing
- Advances algorithm determines best sequence for effective silencing.

# Legends

#### VALIDATION

ChIP = Chromatin Immunoprecipitation DB = Phospho-specific dot blot

E = Elisa

IF = Immunofluorescence

IHC = Immunohistochemistry IP= Immunoprecipitation

WB = Western blot

#### SPECIFICITY

H = Human

M = Mouse

Pr = Primate R = Rat

# **ANTIBODIES**

mAB = Monoclonal antibody

mIG = Monoclonal immunoglobulin

pAb = Polyclonal antibody

plg = Polyclonal immunoglobulin

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#### North & South America

#### Brazil

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## Austria

BioCat GmBH Tel: +49 (0)6221 71415 16 Email: info@biocat.com

#### Austria Biomedica

Tel: (43) 1 291 0754 Email: sales.biomedica@bmgrp.at

#### Bio-Connect BV

Tel: +31 (0)26 326 4450 Email: info@bio-connect.nl

SodBioLife- Biomedica Tel: (359) 2 988 9151 Email: office@biomedica-bg.edu

#### Croatia

Bio-Kasztel Tel: +36 1 3852887 Email: info@kasztel.hu

#### Czech Republic

BARIA s.r.o Tel: +420 244 911 228 Email: info@baria.cz

Biomedica CS SRO Tel: +420 283 931 485

#### Denmark

Nordic BioSite Tel: +45 4240 8485 Email: info@nordicbiosite.dk

#### Estonia Nordic BioSite

Tel: +46 (0)8 544 433 40 Email: info@biosite.se

#### Finland Nordic BioSite

Tel: 0800 11 13 33 Email: info@biosite.fl

Interchim Tel: +33 (0)4 70 03 88 55 Email: interbiochem@interchim.com

BioCat GmBH Tel: +49 (0)6221 71415 16 Email: info@biocat.com

#### Greece

AnAdrasis Tel: +30 2310813122 Email: anadrasi@otenet.gr

#### Hungary Bio-Kasztel

Tel: +36 1 385 2887 Email: info@kasztel.hu

#### Biomedica Hungaria

Tel: +36 1 225 3850 Email: biomed@biomedica.hu

#### Iceland

Nordic BioSite Tel: +46 (0)8 54 44 33 40 Email: info@biosite.se

Cambridge Bioscience Tel: +44 (0) 1223 316855 Email: sales@bioscience.co.uk

Space S.R.L. Tel: +39 (0) 22 575 377 Email: info@spacesrl.com

#### Resnova S.R.L.

Tel: +39 06 93955058 Email: resnova@resnovaweb.it

#### Latvia

Nordic BioSite Tel: +46 (0)8 544 433 40 Email: info@biosite.se

#### Lithuania

Nordic BioSite Tel: +46 (0)8 544 433 40 Email: info@biosite.se

#### Luxembourg

Bio-Connect BV Tel: +31 (0)26 326 4450 Email: info@bio-connect.nl

#### Macedonia AnAdrasis

Tel: +30 2310813122 Email: anadrasi@otenet.gr

#### Netherlands Bio-Connect BV

Nordic BioSite

Tel: 800 10 301

Tel: +31 (0)26 326 4450 Email: info@bio-connect.nl

Email: info@biosite.no

#### Poland

STI ul. Tel: +48 (61) 6417759 Email: office@sti.biz.pl

Biomedica Poland Tel: 22 73 75 996

## **Portugal**

AbBcn, S.L. Tel: 902 220 246 Email: info@antibodybcn.com

#### Romania

S.C. C.Y.B.E.R. SLR Tel: (402) 1 232 20 84

#### Serbia Bio-Kasztel

Tel: +36 1 3852887 Email: info@kasztel.hu

#### Biomedica MP D.O.O. Tel: +381 11 2102-264 Email: office@biomedicamp.com

Slovakia

BARIA SRO Tel: +420 244 911 228 Email: info@baria.cz

#### Slovenia

Bio-Kasztel Tel: +36 1 3852887 Email: info@kasztel.hu

Tel: (43) 1 291 0754

## Biomedica

Email: sales.biomedica@bmgrp.at Biomedis MB D.O.O. Tel: (386) 2 4716300

Email: info@biomedica-mb.si

#### Spain AbBcn

Tel: (+34) 902 220 246 Email: info@antibodybcn.com

#### Abyntek Biolpharma S.L. Tel: (+34) 944 049 080

Email: info@abyntek.com

#### Sweden Nordic Biosite

Tel: +46 (0)8 54 44 33 40 Email: info@biosite.se

## Switzerland

LuBioScience GmbH Tel +41 41 417 02 80 Email: info@lubio.ch

#### Asia/Pacific Rim

#### Australia BioCore Pty Ltd

Tel: (61 2) 9565 1281 Email: sales@biocore.com.au

#### India

Life Technologies (India) Pvt Ltd Tel: +91 11 4220 8000 Email: customerservice@ lifetchindia com

#### Genxbio Health Sciences Pvt Ltd Tel: +91 11 6460 8275 Email: sales@genxbio.com

#### Indonesia Precision Technologies Pte Ltd

Tel: +65 6273 4573 Email: scitech@pretech.com.sg

## Cosmo Bio Co., Ltd.

Tel: +81 3 5632 9605 Email: mail@cosmobio.co.jp Funakoshi Inc.

Tel: +91 3 5684 1620 reagent@funakoshi.co.jp

#### Korea

Bioclone Corp. Tel: +82 2 2690 0058 Email: bioclone@bioclone.co.kr

Research NET Inc. Tel: +82 2 572 5430

#### Malaysia

Precision Technologies Pte Ltd Tel: +65 6273 4573 Email: scitech@pretech.com.sg

researchnet@dreamwiz.com

#### **New Zealand** BioCore Pty Ltd

Tel: (61 2) 9565 1281 Email: sales@biocore.com.au

Precision Technologies Pte Ltd Tel: +65 6273 4573 Email: scitech@pretech.com.sg

#### Taiwan

Kelowna International Scientific Tel: +886 2 8972 0201 Email: Kelowna@ms29.hinet.net Level Biotechnology Inc.

## Tel: +886 2 2695 9935 Email: info@mail.level.com.tw

#### Vietnam

Truong Bio Inc. Tel: +84 9 857 1988 Email: truongbio1@msn.com

#### Middle East

Ornat Biochemicals Tel: +972 8 9477077 Email: ornatbio@ornat.co.il

Life Technologies (India) Pvt Ltd Tel: +91 11 4220 8000 Email: customerservice@ lifetchindia com

PMB Laboratuvar ve Urunleri Tel: +212 442 18 64 Email: bilgi@pmblab.com





USA
Abgent, Inc.
Toll Free (888) 735-7227
or (858) 875-1900
sales@abgent.com
info@abgent.com

CHINA
Abgent Suzhou
+86 512 69369088
sales@abgent.com.cn

EUROPE Tel: +44 (0) 1235 854042 Fax: +44 (0) 1235 854043 eurosales@abgent.com

www.abgent.com