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UBE3A antibody | 2F6





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Mouse anti Human UBE3A:Preservative Free

Product Type Monoclonal Antibody**Clone** 2F6**Isotype** IgG2a

1 Formats Available

Preservative Free 

| Product Code | Applications | Pack Size | Your Price | List Price | Quantity | |
|---|--|-----------|------------------------|------------|--------------------------------|------------------------------|
| MCA3532Z |    | 0.1 mg | Log in | \$514.00 | <input type="text" value="1"/> | Add to Cart |
| Datasheet  | SDS  | | | | | Add to Quote |

[Summary](#)[Secondary Antibodies](#)[References \(2\)](#)

Mouse anti Human UBE3A antibody, clone 2F6 recognizes human Ubiquitin-protein ligase E3A, also known as UBE3A, E6AP ubiquitin-protein ligase, Human papillomavirus E6-associated protein, Oncogenic protein-associated protein E6-AP or Renal carcinoma antigen NY-REN-54. UBE3A is an 875 amino acid ~95 kDa E3 ubiquitin-protein ligase.

Mutations of the UBE3A gene can lead to the development of Angelman syndrome (AS) a neurodevelopmental disorder characterized by by severe motor and intellectual retardation, hypotonia, ataxia and jerky limb movements ([Sadikovic et al. 2014](#)).

Product Details

| | |
|---------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | None present |
| Immunogen | Recombinant protein corresponding to aa 51-151 of human UBE3A |
| Approx. Protein | Ig concentration 0.5 mg/ml |

Approx. Protein Concentrations
Fusion Partners

Ig concentration 0.5 mg/ml

Spleen cells from immunized Balb/c mice were fused with cells from the Sp2/0 myeloma cell line.

Storage Information

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

More Information

UniProt

[Q05086](#)

Entrez Gene

[UBE3A](#)

Regulatory

For research purposes only

Applications of UBE3A antibody

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit the [antibody protocols](#) page.

| Application Name | Verified | Min Dilution | Max Dilution |
|---|----------|--------------|--------------|
| Immunofluorescence | ✓ | 0.1 | 10 ug/ml |
| Immunohistology - Paraffin ¹ | ✓ | 0.1 | 10 ug/ml |
| Western Blotting | ✓ | | |

¹**This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

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UBE3A antibody | 2F6

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Mouse anti Human UBE3A:Preservative Free

Product Type Monoclonal Antibody**Clone** 2F6**Isotype** IgG2a

1 Formats Available

Preservative Free 

| Product Code | Applications | Pack Size | Your Price | List Price | Quantity |
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| MCA3532Z | IF P* WB | 0.1 mg | Log in | \$514.00 | <input type="text" value="1"/> |

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Product Specific References

References for UBE3A antibody

1. Wolyniec, K. *et al.* (2012) E6AP ubiquitin ligase regulates PML-induced senescence in Myc-driven lymphomagenesis.
[Blood. 120: 822-32.](#)
2. Paul, P.J. *et al.* (2016) Restoration of tumor suppression in prostate cancer by targeting the E3 ligase E6AP.
[Oncogene. 35 \(48\): 6235-45.](#)

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Datasheet: MCA3532Z

| | |
|----------------------|--|
| Description: | MOUSE ANTI HUMAN UBE3A:Preservative Free |
| Specificity: | UBE3A |
| Other names: | E6AP |
| Format: | Preservative Free |
| Product Type: | Monoclonal Antibody |
| Clone: | 2F6 |
| Isotype: | IgG2a |
| Quantity: | 0.1 mg |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|--------------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin (1) | ■ | | | 0.1 - 10 ug/ml |
| Western Blotting | ■ | | | |
| Immunofluorescence | ■ | | | 0.1 - 10 ug/ml |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

| | |
|---------------------------------------|--|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | None present |
| Approx. Protein Concentrations | Ig concentration 0.5 mg/ml |
| Immunogen | Recombinant protein corresponding to aa 51-151 of human UBE3A |
| External Database Links | UniProt: Q05086 Related reagents |

Entrez Gene:[7337](#) UBE3A [Related reagents](#)

| | |
|--------------------------------------|---|
| Synonyms | E6AP, EPVE6AP, HPVE6A |
| RRID | AB_2211795 |
| Fusion Partners | Spleen cells from immunized Balb/c mice were fused with cells from the Sp2/0 myeloma cell line. |
| Specificity | <p>Mouse anti Human UBE3A antibody, clone 2F6 recognizes human Ubiquitin-protein ligase E3A, also known as UBE3A, E6AP ubiquitin-protein ligase, Human papillomavirus E6-associated protein, Oncogenic protein-associated protein E6-AP or Renal carcinoma antigen NY-REN-54. UBE3A is an 875 amino acid ~95 kDa E3 ubiquitin-protein ligase.</p> <p>Mutations of the UBE3A gene can lead to the development of Angelman syndrome (AS) a neurodevelopmental disorder characterized by severe motor and intellectual retardation, hypotonia, ataxia and jerky limb movements (Sadikovic et al. 2014).</p> |
| References | <ol style="list-style-type: none">1. Wolynec, K. <i>et al.</i> (2012) E6AP ubiquitin ligase regulates PML-induced senescence in Myc-driven lymphomagenesis. Blood. 120: 822-32.2. Paul, P.J. <i>et al.</i> (2016) Restoration of tumor suppression in prostate cancer by targeting the E3 ligase E6AP. Oncogene. 35 (48): 6235-45. |
| Storage | <p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

| | |
|---|--|
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Rabbit Anti Mouse IgG (STAR8...) | DyLight®800 |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Human Anti Mouse IgG2a (HCA037...) | FITC , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),
[DyLight®800](#), [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

| | | | | | |
|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com | Worldwide | Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
|----------------------------------|---|------------------|---|---------------|---|

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