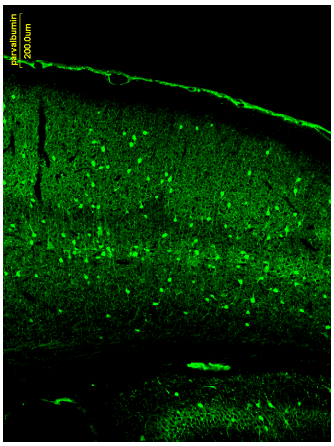
Anti-Parvalbumin (PV)

Code Number : PV-Rb-Af750 (rabbit)
: PV-GP-Af1000 (guinea pig)
: PV-Go-Af460 (goat)

Formulation : Liquid ; 200 μg/ml in PBS with 0.05% NaN_3.
(affinity-purified with antigen polypeptide)

Storage : Store at 4 ˚C. The antibody can be stored at 4 ˚C. The antibody can be also aliquotted and stored at -80 ˚C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.



Species : rabbit /guinea pig / goat , polyclonal

Antigen : mouse PV , whole sequence
(NM013645)

Specificity : mouse (others not tested)
Immunoblot detects a single protein band at 13 kDa.
This selectively stains subpolulations of interneurons as well as cerebellar Purkinje cells.

Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks : PV antibodies raised in the rabbit, guinea pig, and goat are equal in specificity and titer.

Reference : 1) Nakamura, M., Sato, K., Fukaya, M., Araishi, K., Aiba, A., Kano, M., Watanabe, M. (2004) Signaling complex formation of phospholipase Cβ4 with mGluR1α and IP3R1 at the perisynapse and endoplasmic reticulum in the mouse brain. Eur. J. Neurosci 20:2929-2944.
2) Miura, E., Fukaya, M., Sato, T., Sugihara, K., Asano, M., Yoshioka, K., Watanabe, M.

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(2006) Expression and distribution of JNK/SAPK-associated scaffold protein JSAP1 in developing and adult mouse brain. J. Neurochem. 97:1431-1446.

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