

Anti-Parvalbumin (PV)

Code Number : PV-Rb-Af750 (rabbit, RRID : AB_2571613)
: PV-Go-Af460 (goat, RRID : AB_2571614)
: PV-GP-Af1000 (guinea pig, RRID : AB_2571615)

Size : 20 µg and 50 µg / See label on vial
(affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

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.

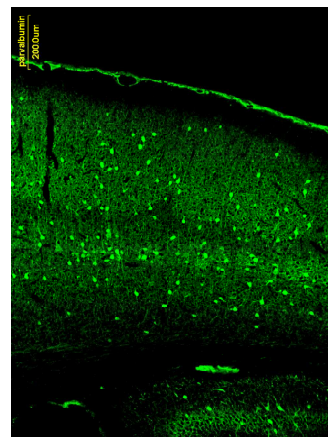
Species : rabbit / guinea pig / goat, polyclonal

Antigen : mouse PV, whole sequence
(NM013645)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 13 kDa.

This selectively stains subpopulations 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 C β 4 with mGluR1 α 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. (2006)
Expression and distribution of JNK/SAPK-associated scaffold protein JSAP1 in developing and
adult mouse brain. *J. Neurochem.* 97:1431-1446.