

Anti-PSD-102

(SAP-102)

Code Number : PSD102-Rb-Af218 (rabbit, RRID : AB_2571832)
: PSD102-GP-Af312 (guinea pig, RRID : AB_2571833)

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-hazardous. No MSDS required.

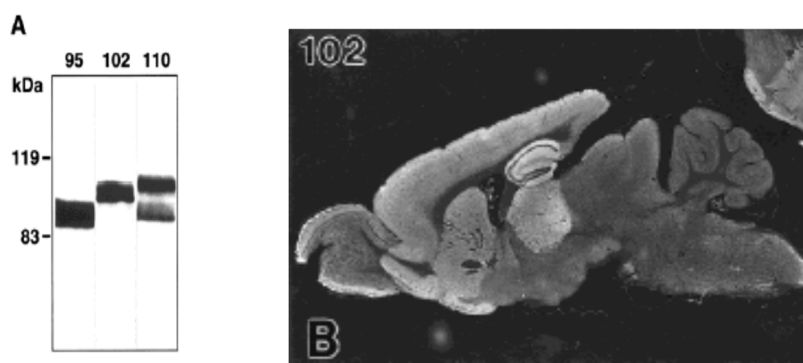
Species : rabbit / guinea pig, polyclonal

Antigen : mouse PSD-102, 1-146aa (D87117)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 97-104 kDa in adult mouse brain homogenates. See the below reference for immunoblot and immunohistochemistry.

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.



Remarks : rabbit and guinea pig antibodies are similar in titer and specificity. In use for

immunohistochemistry, users should adopt postembedding immunogold for electron microscopic detection and protease predigestion for light microscopic detection (see the below reference).

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

Reference : Fukaya, M., Watanabe, M. (2000) Improved immunohistochemical detection of postsynaptically-located PSD-95/SAP90 protein family by protease section pretreatment. A study in the adult mouse brain. *J. Comp. Neurol.* 426:572-586.