

Anti-Shank2

Code Number : Shank-Rb-Af750 (rabbit, RRID : AB_2571839)

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, polyclonal

Antigen : mouse shank2, C-terminal 13 aa
(MNIERALKQLLDR), (NM_001081370)

Specificity : mouse (others not tested)
Immunohistochemistry produces punctate labeling in the postsynaptic site.

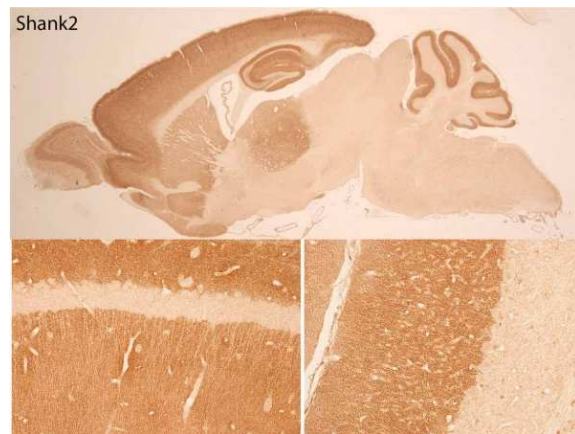
Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry.

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 : In immunohistochemistry, antigen-exposing methods are needed, such as protease pretreatment of sections for light microscopy and postembedding immunogold for electron microscopy.

Reference : 1) Matsuda K, Miura E, Miyazaki T, Kakegawa W, Emi K, Narumi S, Fukazawa Y, Itoh-Ishida A, Kondo T, Shigemoto R, Watanabe M, Yuzaki M: Cbln1 is a ligand for an orphan



glutamate receptor d2, a bidirectional synaptic organizer. *Science*, 328:363-368, 2010.