

## *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% NaN<sub>3</sub>.

**Storage** : Store at cool temp (2-10°C).

The antibody can be stored at 2-10°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, polyclonal

**Antigen** : mouse shank2, C-terminal 13 aa  
(MNIERALKQLLDR), (NM\_001081370)

**Specificity** : mouse (others not tested)  
Immunohistochemisry 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.

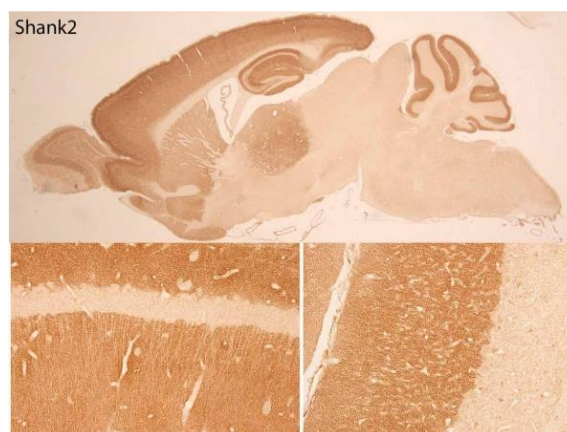
**Remarks** : In immunohistochemistry, antigen-exposing methods are needed, such as protease pretreatment of sections for light microscopy and postembedding immunogold for electron microscopy.

**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

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

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