

## *Anti-Shank2*

### Product Information:

1) <b>Catalog #:</b>	MSFR105490
<b>Item Name:</b>	Shank2 pAb (Rb) 20ug
<b>Size :</b>	20µg (affinity-purified with antigen polypeptide)
<b>Species :</b>	Rabbit
<b>Product Code :</b>	Shank-Rb-Af750
<b>RRID :</b>	AB_2571839
2) <b>Catalog #:</b>	MSFR105500
<b>Item Name:</b>	Shank2 pAb (Rb) 50ug
<b>Size :</b>	50µg (affinity-purified with antigen polypeptide)
<b>Species :</b>	Rabbit
<b>Product Code :</b>	Shank-Rb-Af750
<b>RRID :</b>	AB_2571839

**Formulation :** Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.

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

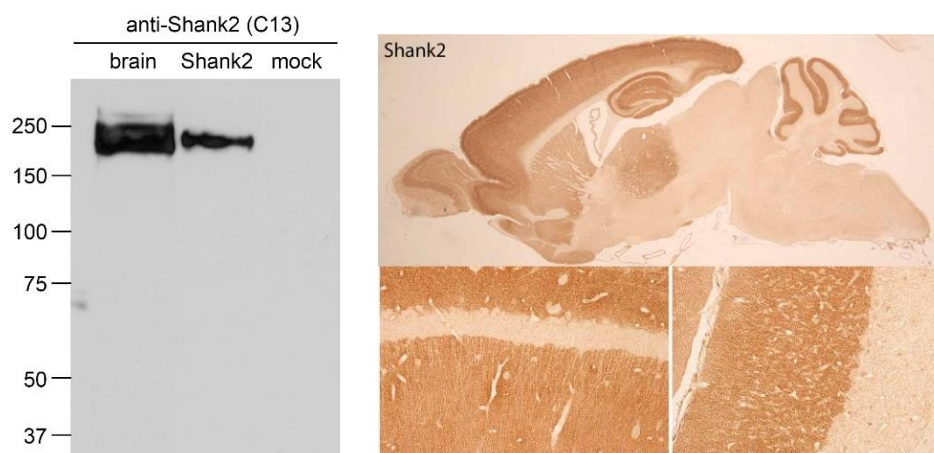
The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

**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. This antibody reacts 200 kDa protein bands in immunoblot with mouse brain homogenates and HEK293T cells transfected with plasmid carrying mouse shank2 cDNA, but not mock plasmid.



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**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.

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