

Anti-TARP γ 2

(transmembrane AMPA receptor-interacting protein γ 2)

Code Number : TARPg2-Rb-Af330 (rabbit, RRID : AB_2571844)

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

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

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

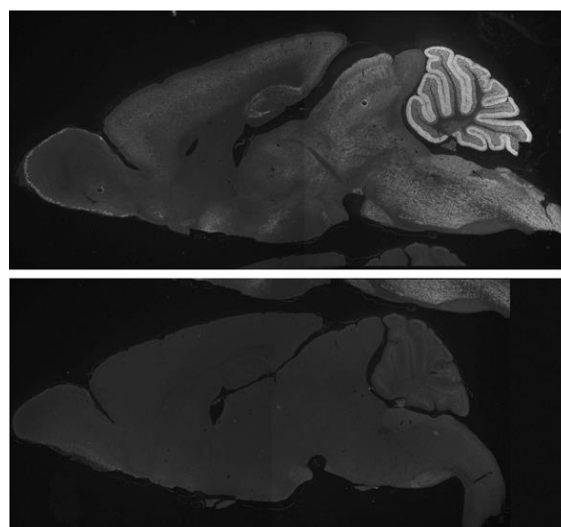
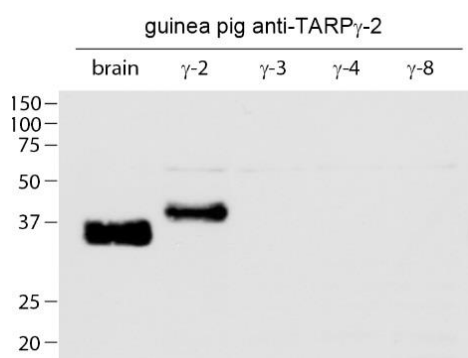
The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse, 302-318 aa (CIQKDSKDSLHANTANR, AF077739)

Specificity : mouse (others not tested)

This antibody strongly stains cerebellar cortex of wild-type mice, but not its knockout mice.



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

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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 : To detect γ - 2 at postsynaptic site, antigen retrieval methods need to be adopted, such as pepsin pretreatment of sections or postembedding immunogold microscopy.

Reference : Yamazaki M, Fukaya M, Hashimoto K, Yamasaki M, Tsujita M, Itakura M, Abe M, Natsume R, Takahashi M, Kano M, Sakimura K, Watanabe M: TARPs γ -2 and γ -7 are essential for AMPA receptor expression in the cerebellum. **Eur. J. Neurosci.**, 31:2204-2220. 2010.

2) Yamasaki M, Fukaya M, Yamazaki M, Azechi H, Natsume R, Abe M, Sakimura K, Watanabe M: TARP γ -2 and γ -8 differentially control biased AMPAR density across Schaffer collateral/commissural synapses in the hippocampal CA1. **J Neurosci**, 36:4296-4312, 2016.

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