

Anti-TARP γ 7

(transmembrane AMPA receptor-interacting protein γ 7)

Code Number : TARP γ 7-Rb-Af720 (rabbit, RRID : AB_2571845)

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

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

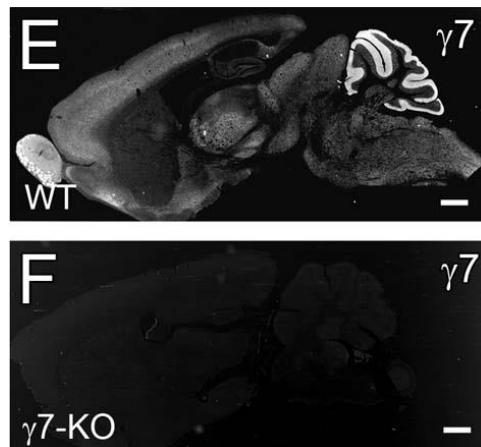
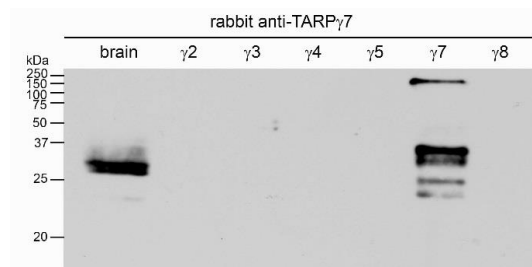
The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse, 260-274aa (PAIKYPDHLHISTSP, AF361349)

Specificity : mouse (others not tested)

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



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 : To detect γ -7 at postsynaptic site, antigen retrieval methods need to be adopted, such

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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.

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