

***Anti-TARP  $\gamma$  7****(transmembrane AMPA receptor-interacting protein  $\gamma$  7)*

Code Number : TARPg7-Rb-Af720 (rabbit, RRID : AB\_2571845)

Formulation : Liquid ; 200 $\mu$ g/ml in PBS with 0.05% NaN<sub>3</sub>.

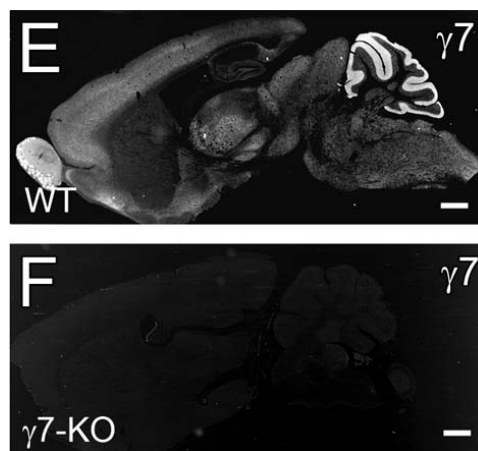
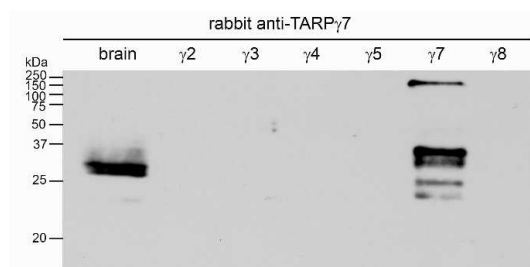
Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

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  $\gamma$ -7 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  $\gamma$ -2 and  $\gamma$ -7 are essential for AMPA receptor expression in the cerebellum. *Eur. J. Neurosci.*, 31:2204-2220. 2010.