Anti-TARP γ 3

(transmembrane AMPA receptor-interacting protein γ 3)

Code Number : TARPg3-GP-Af400　(guinea pig,　RRID : AB_ 2687433)

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

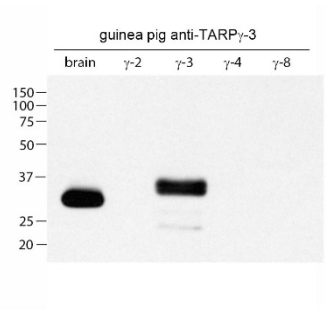
Formulation : Liquid ;　200 μg/ml in PBS with 0.05% NaN_3.

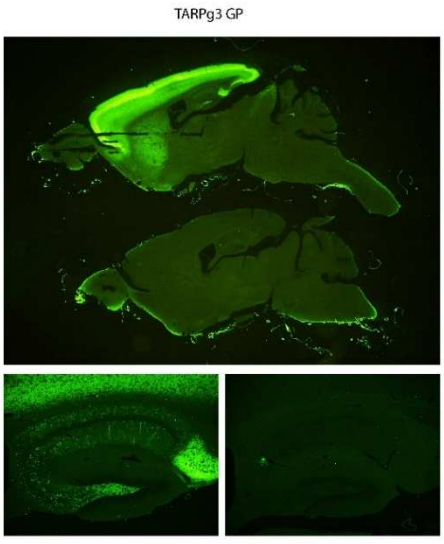
Storage : Store at 4˚C.　The antibody can be stored at 4˚C. The antibody can be also aliquotted and stored at -80˚C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous.　No MSDS required.

Species : guinea pig, polyclonal

Antigen : mouse, 290-310 aa　(FHNSTPKEFKESLHNNPANR, NM_019430)

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 immunoblot and immunohistochemistry. The most appropriate concentration should be

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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-3 at postsynaptic site, antigen retrieval methods need to be adopted, such as pepsin pretreatment of sections or postembedding immunogold microscopy.

Reference : 1) 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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