

Anti-TARP γ 8

(transmembrane AMPA receptor-interacting protein γ 8)

Code Number : TARP γ 8-Rb-Af1000 (rabbit, RRID : AB_2571846)

: TARP γ 8-GP-Af1000 (guinea pig, RRID : AB_2572272)

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-hazardrous. No MSDS required.

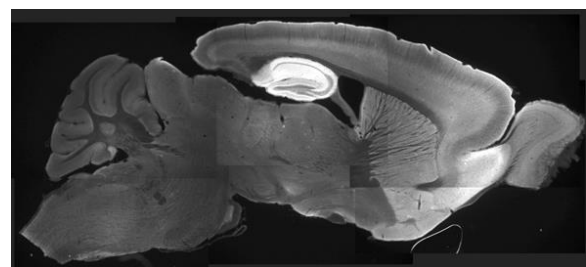
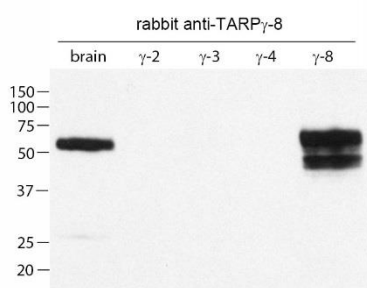
Species : rabbit / guinea pig, polyclonal

Antigen : mouse, 362-421aa

(LTLHNAFPKEAASGVTVTVTGPPAAPAPAPAPPAPAPAPGTLKSKEAAASNTNTLNKKT,
AF361350), GST fusion (AF361350)

Specificity : mouse (others not tested)

This antibody stains telencephalic regions 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.

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Remarks : Rabbit antibody is higher in specificity and titer than guinea pig one.

Reference : Fukaya,M., Tsujita, M., Yamazaki, M., Kushiya, E., Abe, M., Akashi, K., Natsume, R., Kano, M., Kamiya, H., Watanabe,M, Sakimura, K. Abundant distribution of TARP gammer-8 in synaptic and extrasynaptic surface of hippocampal neurons and its major role in AMPA receptor expression on spines and dendrites. **Eur. J. Neurosci.**, 24:2177-2190, 2006.

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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