

## *Anti-TARP $\gamma$ 3*

*(transmembrane AMPA receptor-interacting protein  $\gamma$  3)*

### Product Information:

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1) Catalog #:	MSFR105770
Item Name:	TARP $\gamma$ 3 pAb (GP) 20ug
Size :	20 $\mu$ g (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	TARPg3-GP-Af430
RRID :	AB_2687433
2) Catalog #:	MSFR105780
Item Name:	TARP $\gamma$ 3 pAb (GP) 50ug
Size :	50 $\mu$ g (affinity-purified with antigen polypeptide)
Species :	Guinea pig
Product Code :	TARPg3-GP-Af430
RRID :	AB_2687433

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

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

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

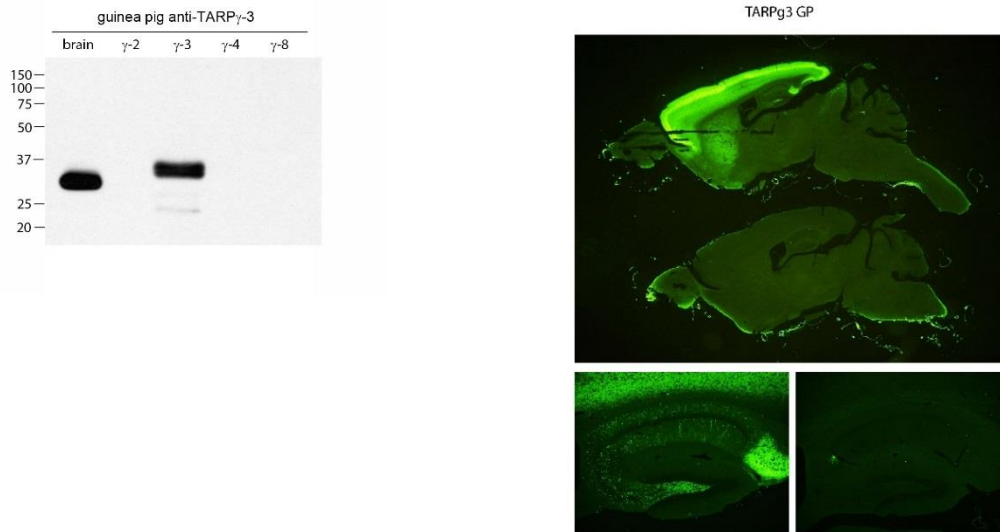
**Species** : guinea pig, polyclonal

**Antigen** : mouse, 290-310 aa (FHNSTPKKEFKESLHNNPANR, NM\_019430)

ご注意 : 本商品には 0.1 % 未満のアジ化ナトリウムが入っています。誤って目や口に入ったり、皮膚に付着した場合は大量の水で洗い流してください。

**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 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  $\gamma$ -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  $\gamma$ -2 and  $\gamma$ -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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