

Anti-GAT-1

(Plasmalemmal GABA transporter-1, Slc6a1)

Product Information:

1)	Catalog #:	MSFR101700
	Item Name:	GAT-1 pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	GAT1-Rb-Af700
	RRID :	AB_2571703
2)	Catalog #:	MSFR101710
	Item Name:	GAT-1 pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	GAT1-Rb-Af700
	RRID :	AB_2571703
3)	Catalog #:	MSFR101720
	Item Name:	GAT-1 pAb (GP) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	GAT1-GP-Af260
	RRID :	AB_2571704
4)	Catalog #:	MSFR101730
	Item Name:	GAT-1 pAb (GP) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	GAT1-GP-Af260
	RRID :	AB_2571704

Formulation : Liquid ; 200 µg/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 aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit / guinea pig, polyclonal

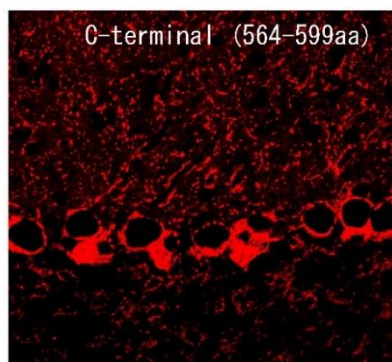
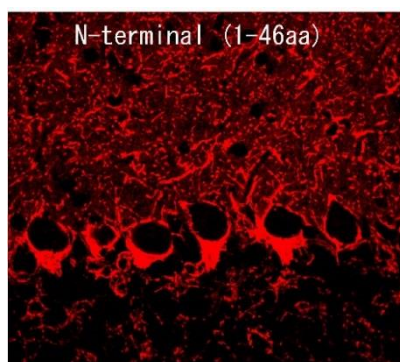
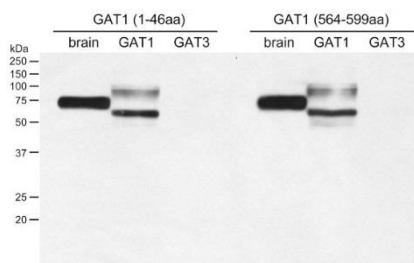
Antigen : mouse, 1-46 aa (NM_178703) for GAT1-GP-Af260. 564-599aa for GAT1-Rb-Af700.

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)

Immunoblot detects a protein band at 75 kDa in mouse brains.

Applications : This can be used for immunohistochemistry and immunoblot.



Research Use : For research use only, not for use in diagnostic procedures.

Remarks : This antibody selectively stains inhibitory synapses.

Reference : 1. Iwakura A, Uchigashima M, Miyazaki T, Yamasaki M, Watanabe M: Lack of molecular-anatomical evidence for GABAergic influence upon axon initial segment of cerebellar Purkinje cells by the pinneau formation. **J. Neurosci.** 32:9438-9448.
2. Uchigashima M, Ohtsuka T, Kobayashi K, Watanabe M. Dopamine synapse is a neuroligin-2-mediated contact between dopaminergic presynaptic and GABAergic postsynaptic structures. **Proc Natl Acad Sci USA**,113:4206-4211, 2016.

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