

Anti-Nlgn3

(Neuroigin-3)

Product Information:

1)	Catalog #:	MSFR104510
	Item Name:	Nlgn3 (Neuroigin-3) pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	Nlgn3-Rb-Af1010
	RRID :	AB_2571813
2)	Catalog #:	MSFR104520
	Item Name:	Nlgn3 (Neuroigin-3) pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	Nlgn3-Rb-Af1010
	RRID :	AB_2571813
3)	Catalog #:	MSFR104530
	Item Name:	Nlgn3 (Neuroigin-3) pAb (GP) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	Nlgn3-GP-Af880
	RRID :	AB_2571814
4)	Catalog #:	MSFR104540
	Item Name:	Nlgn3 (Neuroigin-3) pAb (GP) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	Nlgn3-GP-Af880
	RRID :	AB_2571814

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.
(affinity-purified with antigen polypeptide)

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.

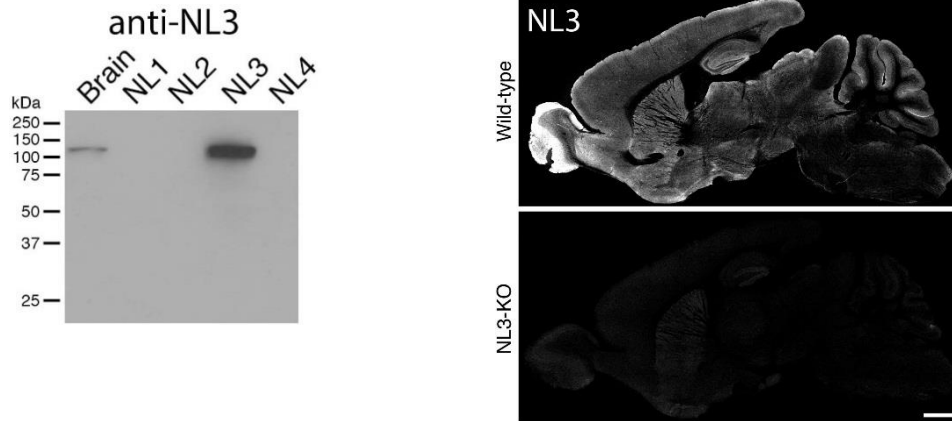
Species : rabbit / guinea pig, polyclonal

Antigen : mouse, 739-768 aa (NM_172932).

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Specificity : mouse (others not tested)

Immunoblot detects a protein band at 130 kDa in mouse brains and immunohistochemistry labels the brain of wild-type mice, but not NL3-KO mice.



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 presynaptic membranes at both excitatory and inhibitory synapses.

Reference : 1) Uchigashima M, Ohtsuka T, Kobayashi K, Watanabe M. (2016) Striatal dopamine synapses are neuroligin-2-mediated contact between dopaminergic presynaptic and GABAergic postsynaptic structures. *Proc Natl Acad Sci USA*, 113(15):4206-11

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