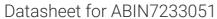
antibodies .- online.com





anti-Nlgn4l antibody (C-Term)



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Quantity:	100 μg
Target:	NIgn4l (NLGN4L)
Binding Specificity:	AA 782-945, C-Term
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NIgn4l antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (fixed cells) (IF/ICC), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-Neuroligin-4 Mouse Monoclonal Antibody	
Immunogen:	Fusion protein corresponding to aa 782-945 (intracellular C-terminus) of mouse Neuroligin-4.	
Clone:	S98-7	
Isotype:	lgG1	
Specificity:	This antibody recognizes mouse Neuroligin-4. It does not cross-react with other Neuroligins.	
Cross-Reactivity:	Mouse, Rat	

Target Details

Target:	Nlgn4l (NLGN4L)
Alternative Name:	NIgn4I (NLGN4L Products)

Target Details

Backo	round:
Backu	irouria.

Neuroligin 4-like,Cell surface protein involved in cell-cell-interactions. Plays a role in the formation or maintenance of synaptic junctions via its interactions (via the extracellular domains) with neurexin family members. Plays a role in synaptic signal transmission. {PubMed:18434543, PubMed:21282647}.,Neuroligin-4 is a neuronal cell surface protein and a member of the type-B carboxylesterase- lipase protein family. Members of this family may act as splice site-specific ligands for beta- neurexins and may be involved in the formation and remodeling of central nervous system synapses. Neuroligin-4 interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Alternative splicing results in multiple transcript variants.,Cell membrane, Single-pass type I membrane protein. Cell junction, synapse, postsynaptic cell membrane. Note=Detected at glycinergic postsynapses in retina. Detected on dendritic spines on cultured neurons.,Neuroligin-4, NL-4

UniProt:

B0F2B4

Application Details

Application Notes:

Immunoblotting: use at 1-2 μ g/mL. A band of ~125-130 kDa is detected.

Immunofluorescence: use at 10 µg/mL.

These are recommended concentrations.

Enduser should determine optimal concentrations for their application.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Reconstitution:	Dilute in PBS or medium that is identical to that used in the assay system.
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, 0.1 % sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	This product is stable for at least one (1) year at -20°C.