



[Go to Product page](#)

Datasheet for ABIN7233051  
**anti-Nlgn4l antibody (C-Term)**

### Overview

Quantity:	100 µg
Target:	Nlgn4l (NLGN4L)
Binding Specificity:	AA 782-945, C-Term
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nlgn4l antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (fixed cells) (IF/ICC), Immunohistochemistry (IHC)

### Product Details

Purpose:	Anti-Neurologin-4 Mouse Monoclonal Antibody
Immunogen:	Fusion protein corresponding to aa 782-945 (intracellular C-terminus) of mouse Neurologin-4.
Clone:	S98-7
Isotype:	IgG1
Specificity:	This antibody recognizes mouse Neurologin-4. It does not cross-react with other Neurologins.
Cross-Reactivity:	Mouse, Rat

### Target Details

Target:	Nlgn4l (NLGN4L)
Alternative Name:	Nlgn4l ( <a href="#">NLGN4L Products</a> )

## Target Details

---

**Background:** 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 µg/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.