

Nlgn3 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13021**Specification**

Nlgn3 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q62889
Other Accession	NM_134336 , NP_599163
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93kDa KDa

Nlgn3 Antibody - N-terminal region - Additional Information**Gene ID** 171297**Other Names**

Neuroligin-3, Gliotactin homolog, Nlgn3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Nlgn3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Nlgn3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Nlgn3 Antibody - N-terminal region - Protein Information**Name** Nlgn3**Function**

Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic signal transmission, and probably mediates its effects by recruiting and clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. May also play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Synapse. Note=Detected at both

glutamatergic and GABAergic synapses

Tissue Location

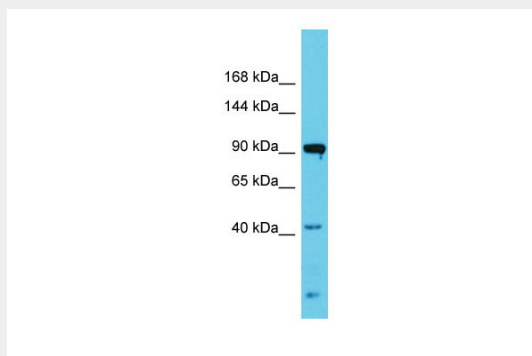
Detected in brain and on hippocampus neurons, especially at excitatory synapses. Detected in retina (at protein level). Expressed in brain, spinal cord and dorsal root ganglion

Nlgn3 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nlgn3 Antibody - N-terminal region - Images



Host: Rabbit

Target Name: Nlgn3

Sample Tissue: Rat Testis lysates

Antibody Dilution: 1.0µg/ml

Nlgn3 Antibody - N-terminal region - References

Ichtchenko K., et al. J. Biol. Chem. 271:2676-2682(1996).
Gilbert M., et al. Glia 34:151-164(2001).
Comoletti D., et al. J. Neurosci. 24:4889-4893(2004).
Varoqueaux F., et al. Neuron 51:741-754(2006).
Budreck E.C., et al. Eur. J. Neurosci. 26:1738-1748(2007).