

Neurexin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10312**Specification**

Neurexin Antibody - Product Information

Application	WB
Primary Accession	Q07310
Reactivity	Human, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	173994

Neurexin Antibody - Additional Information**Gene ID** 116508**Application & Usage**

Western blotting (1:200-1000). However, the optimal concentrations should be determined individually. The antibody recognizes both alpha (~170 kDa) and beta (~50 kDa) isoforms of Neurexin in samples from human, rat, and bovine origins. Reactivity to other species has not been tested.

Other Names

NRXN

Target/Specificity

Neurexin

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µl (1 mg/ml) immunoaffinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Neurexin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Neurexin Antibody - Protein Information

Name Nrnx3

Function

Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling (By similarity).

Cellular Location

Presynaptic cell membrane {ECO:0000250|UniProtKB:Q9CS84}; Single-pass type I membrane protein

Tissue Location

Brain.

Neurexin Antibody - 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](#)

Neurexin Antibody - Images**Neurexin Antibody - Background**

Neurexins comprise a family of neuronal cell surface proteins present primarily in the brain. Neurexins are thought to serve as signaling receptors and may play a role in axon guidance and synaptogenesis. The cytoplasmic tail of neurexin interacts with the synaptic vesicle protein synaptotagmin and binds to CASK, a protein with homology to the PSD95 family of synaptic junction proteins.