

Neurexin Antibody

Rabbit Polyclonal Antibody Catalog # ABV10312

Specification

Neurexin Antibody - Product Information

Application Primary Accession Reactivity Host Clonality Isotype Calculated MW WB <u>Q07310</u> Human, Rat, Bovine Rabbit Polyclonal Rabbit IgG 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 μ l (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 Nrxn3

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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Neurexin Antibody - Images

Neurexin Antibody - Background

Neurexins comprise a family of neuronal cell surface proteins present primarily in the brain. Neurexins are tho µght 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.