

## Neurexin Polyclonal Antibody

<b>CATALOG NO:</b>	3428-30T	30 µg (Trial size)
	3428-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide corresponding to residues surrounding amino acid 1112 of rat neurexin (Internal ID# BV-514).	
<b>SPECIES REACTIVITY:</b>	Human, Rat, Bovine	

**FORMULATION:**

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

**STORAGE CONDITIONS:**

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

**BACKGROUND:**

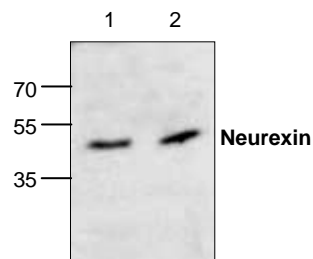
Neurexins comprise a family of neuronal cell surface proteins present primarily in the brain. Neurexins are thought to serve as signaling receptors and may play a role in axon guidance and synaptogenesis. The cytoplasmic tail of neurexin interacts with the synaptic vesicle protein synaptotagmin and binds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

**SPECIFICITY:**

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.

**APPLICATION:**

The antibody can be used in Western blotting (1:200-1000). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3428BP-50) is available separately.

**Cat. #:3428-100**

Western blot analysis of Neurexin expression in tissue lysate from rat kidney (Lane 1) and rat liver (Lane 2).

**FOR RESEARCH USE ONLY! Not to be used on humans.**

**RELATED PRODUCTS:**

## Apoptosis Detection Kits &amp; Reagents

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

## Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

## Cell Proliferation &amp; Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

## Growth Factors and Cytokines

## Monoclonal and Polyclonal Antibodies