10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NRXN1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21335a

Specification

NRXN1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P58400
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**77-110**

NRXN1 Antibody (N-term) - Additional Information

Gene ID 9378

Other Names
Neurexin-1-beta, Neurexin I-beta, NRXN1

Target/Specificity
This NRXN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 77-110 amino acids from the N-terminal region of human NRXN1.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NRXN1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NRXN1 Antibody (N-term) - Protein Information

Name NRXN1 (HGNC:8008)

Function Neuronal cell surface protein involved in cell recognition and cell adhesion by forming intracellular junctions through binding to neuroligins. Plays a role in formation of synaptic junctions.

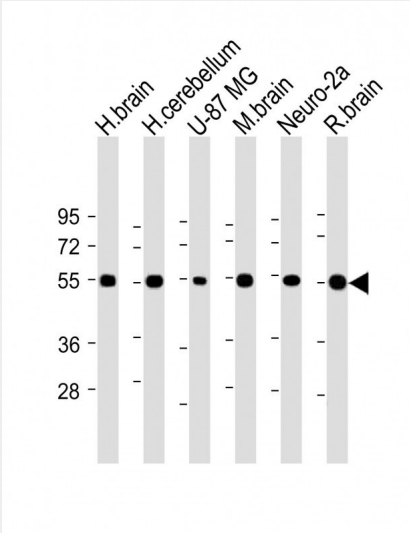
Cellular Location
Presynaptic cell membrane {ECO:0000250|UniProtKB:Q63373}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q63373}

NRXN1 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NRXN1 Antibody (N-term) - Images



All lanes : Anti-NRXN1 Antibody (N-term) at 1:2000 dilution Lane 1: Human brain lysate Lane 2: Human cerebellum lysate Lane 3: U-87 MG whole cell lysate Lane 4: Mouse brain lysate Lane 5: Neuro-2a whole cell lysate Lane 6: Rat brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

NRXN1 Antibody (N-term) - Background

Neuronal cell surface protein that may be involved in cell recognition and cell adhesion by forming intracellular junctions through binding to neuroligins. May play a role in formation or maintenance of synaptic junctions. May mediate intracellular signaling. May play a role in angiogenesis (By similarity).

NRXN1 Antibody (N-term) - References

Kleiderlein J.J.,et al.Hum. Genet. 103:666-673(1998).
Hillier L.W.,et al.Nature 434:724-731(2005).
Chen X.,et al.Nat. Struct. Mol. Biol. 15:50-56(2008).

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