

NRX1B Rabbit pAb

CatalogNo: YN0951

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse

Applications

- WB,ELISA

MW

- 48kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 260-340

Specificity

NRX1B Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

NRXN1

Protein Name

Neurexin-1-beta (Neurexin I-beta)

Organism**Gene ID****UniProt ID**

Human

[9378;](#)[P58400;](#)

Mouse

[P0DI97;](#)

Rat

[Q63373;](#)**Cellular
Localization**

Cell junction, synapse, presynaptic cell membrane ; Single-pass type I membrane protein .

Function

Alternative products:A number of isoforms are produced by alternative promoter usage including the alpha-type (shown here) and beta-type (AC P58400) isoforms which differ in their N-terminus. Additional isoforms may be produced by alternative splicing,Alternative products:A number of isoforms, alpha-type (AC Q9ULB1) and beta-type (shown here), are produced by alternative promoter usage. Beta-type isoforms differ from alpha-type isoforms in their N-terminus,Function: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.,Function:Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling.,PTM:Highly O-glycosylated and minor N-glycosylated.,PTM:N- and O-glycosylated.,similarity:Belongs to the neurexin family.,similarity:Contains 1 laminin G-like domain.,similarity:Contains 3 EGF-like domains.,similarity:Contains 6 laminin G-like domains.,subunit:The cytoplasmic C-terminal region binds to CASK, CASKIN1 and APBA1. The laminin G-like domain 2 binds to NXPH1. Specific isoforms bind to alpha-dystroglycan and to alpha-latroxin. Interacts with SYT13 and SYTL1.,subunit:The cytoplasmic C-terminal region binds to CASK. Isoforms Beta 4b bind neuroligins NLGN1, NLGN2 and NLGN3, alpha-dystroglycan and alpha-latrotoxin.,tissue specificity:Heart and brain.,

| Validation Data

| Contact information

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Please scan the QR code
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product information:
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