



NRX1B Polyclonal Antibody

Catalog No	YP-Ab-05824
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	NRXN1
Immunogen	Synthesized peptide derived from human protein . at AA range: 260-340
Specificity	NRX1B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA0578;neurexin 1;Neurexin 1 alpha;Neurexin I alpha;Neurexin I-alpha;NRX1B;NRXN1;Neurexin-1-beta (Neurexin I-beta)
Observed Band	162 kDa
Calculated Molecular Weight	162 kDa
Cell Pathway	Cell junction, synapse, presynaptic cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	
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 mino

Background

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.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images