



NRX3A Polyclonal Antibody

Catalog No	BYab-05825
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	NRXN3 C14orf60 KIAA0743
Protein Name	Neurexin-3-alpha (Neurexin III-alpha)
Immunogen	Synthesized peptide derived from human protein . at AA range: 480-560
Specificity	NRX3A 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	
Observed Band	180kD
Cell Pathway	Membrane ; Single-pass type I membrane protein .
Tissue Specificity	Expressed in the blood vessel walls (at protein level). Highly expressed in brain, lung, and pancreas; a lower level of expression is detectable in heart, placenta, liver, and kidney, whereas no expression can be observed in skeletal muscle. Isoform 4a is heart-specific.
Function	alternative products:A number of isoforms, alpha-type (AC Q9Y4C0) and beta-type (shown here), are produced by alternative promoter usage. Beta-type isoforms differ from alpha-type isoforms in their N-terminus,alternative products:A number of isoforms, alpha-type (shown here) and beta-type (AC Q9HDB5), are produced by alternative promoter usage. Beta-type isoforms differ from alpha-type isoforms in their N-terminus. Additional isoforms produced by alternative splicing seem to exist,function:Neuronal cell surface protein that may be involved in cell recognition and cell adhesion.,function:Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling.,similarity:Belongs to the neurexin family.,similarity:Contains

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1 laminin G-like domain.,similarity:Contains 3 EGF-like domains.,similarity:Contains 6 laminin G-like domains.,subun

Background

alternative products:A number of isoforms, alpha-type (AC Q9Y4C0) and beta-type (shown here), are produced by alternative promoter usage. Beta-type isoforms differ from alpha-type isoforms in their N-terminus,alternative products:A number of isoforms, alpha-type (shown here) and beta-type (AC Q9HDB5), are produced by alternative promoter usage. Beta-type isoforms differ from alpha-type isoforms in their N-terminus. Additional isoforms produced by alternative splicing seem to exist,function:Neuronal cell surface protein that may be involved in cell recognition and cell adhesion.,function:Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling.,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 (By similarity). Binds to neuroligins NLGN1, NLGN2 and NLGN3.,subunit:The laminin G-like domain 2 binds to NXP1. Specific isoforms bind to alpha-dystroglycan. The cytoplasmic C-terminal region binds to CASK.,tissue specificity:Predominantly expressed in 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