Product Data Sheet
Neurexin I Rabbit Polyclonal Antibody

Product name:	Neurexin I Rabbit Polyclonal Antibody
Cat number:	ABN14596
Conjugate:	Unconjugated
Size:	100ul
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human NRXN1. AA range:502-551
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:50-1:300
Molecular Weight:	150kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	NRXN1; KIAA0578; Neurexin-1-alpha; Neurexin I-alpha
Source:	Rabbit
Background:	NRXN1 (neurexin 1) encodes a single-pass type I membrane protein that belongs to the neurexin family. Neurexins are cell-surface receptors that bind neuroligins to form Ca(2+)-dependent neurexin/neuroligin complexes at synapses in the central nervous system. This complex is required for efficient neurotransmission and is involved in the formation of synaptic contacts. Three members of this gene family have been studied in detail and are estimated to generate over 3000 variants through the use of two alternative promoters (alpha and beta) and extensive alternative splicing in each family member. Recently, a third promoter (gamma) was identified for NRXN1 in the 3' region. Mutations in NRXN1 are associated with Pitt-Hopkins-like syndrome-2 and may contribute to susceptibility to schizophrenia. cell morphogenesis, cell morphogenesis involved in differentiation, cell motion, cell adhesion, cell-cell signaling,synaptic transmission, axonogenesis, axon guidance, synaptogenesis, transmission of nerve impulse, biological adhesion, cell projection organization, neuron differentiation, neuron projection development, cellular component morphogenesis, cell part morphogenesis, extracellular

structure organization, neuron development, cell morphogenesis involved in neuron differentiation, neuron projection morphogenesis, cell projection morphogenesis,synapse organization, neurological system process,

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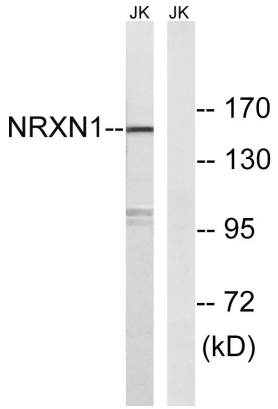

Western blot analysis of lysates from Jurkat cells, using NRXN1 Antibody. The lane on the right is blocked with the synthesized peptide.

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