

Rabbit NRXN3 Polyclonal Antibody | anti-NRXN3 antibody

NRXN3 Antibody

CATALOG # AAA328060	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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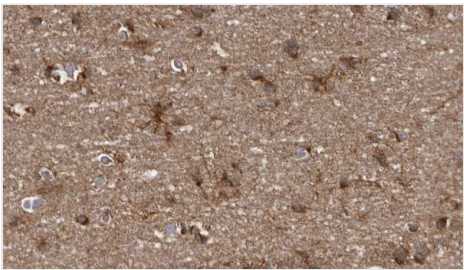
PRODUCT SYNONYMS

NRXN3; Polyclonal Antibody; NRXN3 Antibody; C14orf60; KIAA0743; Neurexin 3; Neurexin III; Neurexin III-alpha; Neurexin-3; Neurexin-3-alpha [Precursor]; Neurexin-3-alpha; Neurexin-III-beta; anti-NRXN3 antibody

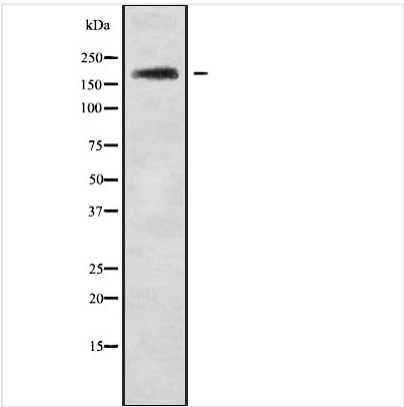
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NRXN3 antibody detects endogenous levels of total NRXN3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1061
Applicable Applications for anti-NRXN3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NRXN3
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.
Predicted Cross Reactivity	Horse, Sheep, Chicken
Similarity	Horse (100%), Sheep (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328060 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis NRXN3 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NRXN3 antibody	Function: Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling. Subunit Structure: The laminin G-like domain 2 binds to NXP1. Specific isoforms bind to alpha-dystroglycan. The cytoplasmic C-terminal region binds to CASK (By similarity). Similarity: Belongs to the neurexin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21070969
NCBI GeneID	9369
NCBI Accession #	NP_004787.2
NCBI GenBank Nucleotide #	NM_004796.5
UniProt Accession #	Q9Y4C0; O95378; Q8IUE3; Q9NS47; Q9P1V3; Q9P1V6; Q9UIE2; Q9UIE3; Q9ULA5; Q9Y486; A6NGR4; A7MD34; Q9HDB5
Molecular Weight	Observed: 181 kDa Predicted: 181 kDa
NCBI Official Full Name	neurexin 3 isoform 1
NCBI Official Synonym Full Names	neurexin 3
NCBI Official Symbol	NRXN3
NCBI Official Synonym Symbols	C14orf60
NCBI Protein Information	neurexin 3
UniProt Protein Name	Neurexin-3
UniProt Gene Name	NRXN3
UniProt Synonym Gene Names	C14orf60; KIAA0743

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.