

**ARG45929**  
**anti-NRXN2 antibody**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NRXN2
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NRXN2
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminal region of human NRXN2.
Conjugation	Un-conjugated
Alternate Names	Neurexin 2; NRXN2; Neurexin-2-beta; Neurexin II-beta

### Application Instructions

Application table	Application	Dilution
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

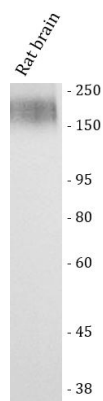
Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -22°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	NRXN2
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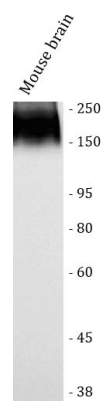
Gene Full Name	Neurexin 2
Background	This gene encodes a member of the neurexin gene family. The products of these genes function as cell adhesion molecules and receptors in the vertebrate nervous system. These genes utilize two promoters. The majority of transcripts are produced from the upstream promoter and encode alpha-neurexin isoforms while a smaller number of transcripts are produced from the downstream promoter and encode beta-neuresin isoforms. The alpha-neurexins contain epidermal growth factor-like (EGF-like) sequences and laminin G domains, and have been shown to interact with neurexophilins. The beta-neurexins lack EGF-like sequences and contain fewer laminin G domains than alpha-neurexins. Alternative splicing and the use of alternative promoters may generate thousands of transcript variants (PMID: 12036300, PMID: 11944992).[provided by RefSeq, Jun 2010]
Function	Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. [UniProt]
Calculated Mw	185 kDa
PTM	Glycoprotein; Heparan sulfate; Proteoglycan. [UniProt]
Cellular Localization	Cell membrane; Cell projection; Membrane; Synapse. [UniProt]

Images



ARG45929 anti-NRXN2 antibody WB image

Western blot: Rat brain stained with ARG45929 anti-NRXN2 antibody at 0.5 µg/ml dilution.



ARG45929 anti-NRXN2 antibody WB image

Western blot: Mouse brain stained with ARG45929 anti-NRXN2 antibody at 0.5 µg/ml dilution.