

Product Datasheet

NMDA R, NR1 Subunit Antibody - Splice Variant - Azide and BSA Free NB300-115

Unit Size: 0.025 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB300-115**NMDA R, NR1 Subunit Antibody - Splice Variant - Azide and BSA Free**

Product Information	
Unit Size	0.025 mg
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 50 uL PBS to desired concentration.
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	Lyophilized
Target Molecular Weight	120 kDa
Product Description	
Description	The antigen is a peptide from the NR1 subunit, C1 splice variant insert of the NMDA receptor. Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage).
Host	Rabbit
Gene ID	2902
Gene Symbol	GRIN1
Species	Mouse, Rat
Reactivity Notes	It is anticipated that the antibody will also work with bovine, canine, and non-human primate tissues based on the fact that these species have 100% homology with the amino acid sequence used as antigen.
Specificity/Sensitivity	Specific for endogenous levels of the ~120 kDa NR1 subunit of the NMDA receptor containing the C1 splice variant insert. Does not recognize the NR1 subunits of the NMDA receptor that do not contain the C1 insert.
Immunogen	Synthetic peptide corresponding to amino acid residues specific to the NR1 subunit, C1 splice variant insert conjugated to KLH. Accession # P35439
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000-1:2000, Immunohistochemistry-Frozen 1:1000-1:2000
Application Notes	NB 300-115 can be used in Western blot where a band is seen at ~ 100 kDa representing the NMDAR1 C1 splice variant.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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