

# Product Datasheet

## **NMDA R, NR1 Subunit Antibody - Splice Variant - Azide and BSA Free NB300-116**

Unit Size: 0.025 mg

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

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**NB300-116**

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, C2 splice variant insert of rat 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
Specificity/Sensitivity	Specific for endogenous levels of the ~120 kDa NR1 subunit of the NMDA Receptor containing the C2 splice variant insert. Does not recognize the NR1 subunits of the NMDA receptor that do not contain the C2 insert.
Immunogen	Synthetic peptide corresponding to amino acid residues specific to the NR1 subunit, C2 splice variant insert conjugated to KLH. Accession # P35439

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:1000-1:2000
Application Notes	By Western blot a band is seen at ~120 kDa representing the NMDAR1 C2 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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