

Product Datasheet

NMDAR2B Antibody (NR2B)

NB100-74475

Unit Size: 100 ug

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

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Publications: 5

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NB100-74475**NMDAR2B Antibody (NR2B)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	NR2B
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS with 1 mg/ml BSA
Target Molecular Weight	166 kDa

Product Description	
Description	Novus Biologicals Mouse NMDAR2B Antibody (NR2B) (NB100-74475) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-NMDAR2B Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2904
Gene Symbol	GRIN2B
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Recombinant protein: NR2B subunit of amino acid residues 934-1457.

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 2 ug/ml, Simple Western 1:20 - 1:250, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10 - 1:100
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 25815887). See Simple Western Antibody Database for Simple Western validation: Tested in Mouse brain lysate, separated by Size, antibody dilution of 1;20, 1:100, 1:250, apparent MW was 187 kDa

Images

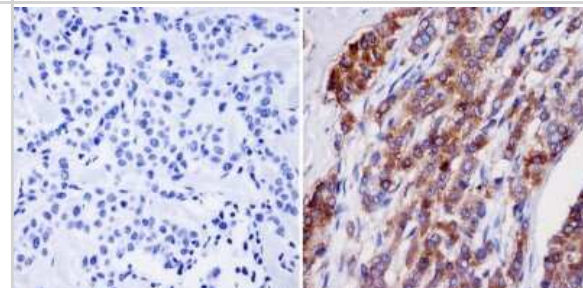
Western Blot: NMDAR2B Antibody (NR2B) [NB100-74475] - Analysis of NMDA receptor type 2B in mouse brain tissue.

Fig. 1

NR2B



Immunohistochemistry-Paraffin: NMDAR2B Antibody (NR2B) [NB100-74475] - Analysis showing staining in the cytoplasm and membrane of human breast tissue (right) compared with a negative control without primary antibody (left).



Publications

Parnell E, Voorn RA, Martin-de-Saavedra MD et al. A developmental delay linked missense mutation in Kalirin-7 disrupts protein function and neuronal morphology *Frontiers in Molecular Neuroscience* 2022-12-01 [PMID: 36533124] (Western Blot, Rat)

Allen AT, Heaton EC, Shapiro LP et al. Inter-individual variability amplified through breeding reveals control of reward-related action strategies by Melanocortin-4 Receptor in the dorsomedial striatum *Communications biology* 2022-02-08 [PMID: 35136204] (WB, Mouse)

Jiang H, Ye H, Wang Y et al. Anti-N-Methyl-D-Aspartate Receptor Encephalitis Associated with Ovarian Teratoma in South China-Clinical Features, Treatment, Immunopathology, and Surgical Outcomes of 21 Cases *Disease Markers* 2021-05-21 [PMID: 34093900] (IHC-P, Human)

Lopez J, Roffwarg H P et al. Rapid eye movement sleep deprivation decreases long-term potentiation stability and affects some glutamatergic signaling proteins during hippocampal development. *Neuroscience* 2008-04-22 [PMID: 18359575] (WB, Rat)

Ramberger M, Peschl P, Schanda K et al. Comparison of diagnostic accuracy of microscopy and flow cytometry in evaluating N-methyl-d-aspartate receptor antibodies in serum using a live cell-based assay *PLoS ONE* 2015-03-30 [PMID: 25815887] (ICC/IF, Human)



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Products Related to NB100-74475

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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