

Product Datasheet

NMDAR1 Antibody NB100-41105

Unit Size: 0.1 mg

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

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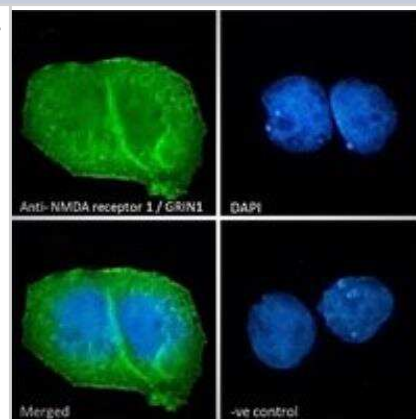
NB100-41105**NMDAR1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	105 kDa
Product Description	
Host	Goat
Gene ID	2902
Gene Symbol	GRIN1
Species	Human, Mouse, Rat
Marker	Neuronal Marker
Specificity/Sensitivity	This antibody is expected to recognize all three reported isoforms (NP_000823.4; NP_067544.1; NP_015566.1).
Immunogen	Peptide with sequence C-TQERVNNSNKKE corresponding to internal region according to NP_067544.1, NP_015566.1.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 10 ug/mL

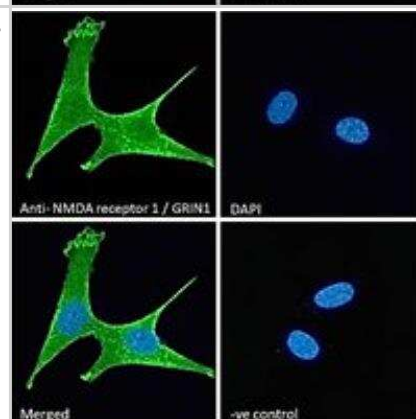


Images

Immunocytochemistry/Immunofluorescence: NMDAR1 Antibody [NB100-41105] - Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunocytochemistry/Immunofluorescence: NMDAR1 Antibody [NB100-41105] - Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Publications

Gomez R, Maglio LE, Gonzalez-Hernandez AJ et al. NMDA receptor-BK channel coupling regulates synaptic plasticity in the barrel cortex Proceedings of the National Academy of Sciences 2021-08-31 [PMID: 34453004]

Rajji T, Chapman D, Eichenbaum H, Greene R. The role of CA3 hippocampal NMDA receptors in paired associate learning. J Neurosci 2006-01-18 [PMID: 16421310]

Gonzalez-Gonzalez IM, Henley JMet al. Postsynaptic Kainate Receptor Recycling and Surface Expression Are Regulated by Metabotropic Autoreceptor Signalling. Traffic 2013-04-04 [PMID: 23556457] (ICC/IF, Rat)



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Products Related to NB100-41105

NBL1-11338	NMDAR1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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