

Product Datasheet

NMDAR1 Antibody NBP3-13158

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-13158**NMDAR1 Antibody****Product Information**

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol (pH7)
Target Molecular Weight	105 kDa

Product Description

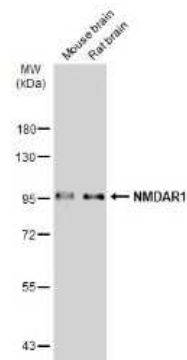
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene Symbol	GRIN1
Species	Mouse, Rat, Canine
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse NMDAR1. The exact sequence is proprietary.

Product Application Details

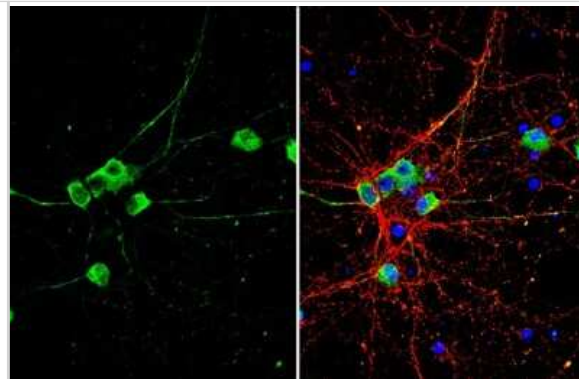
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Tumorsphere
Recommended Dilutions	Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Tumorsphere 1:500-1:3000

Images

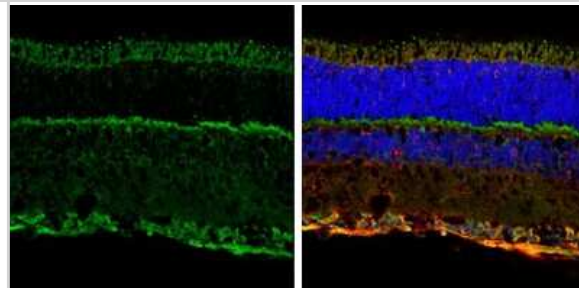
Western Blot: NMDAR1 Antibody [NBP3-13158] - Various tissue extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with NMDAR1 antibody (NBP3-13158) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



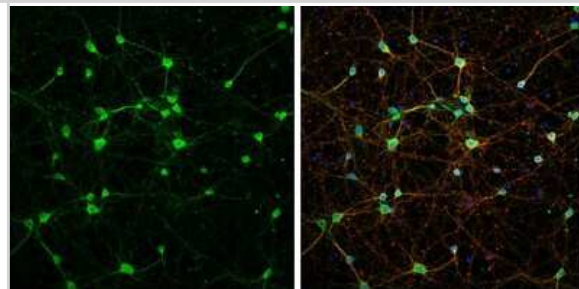
Immunocytochemistry/Immunofluorescence: NMDAR1 Antibody [NBP3-13158] - NMDAR1 antibody detects NMDAR1 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: NMDAR1 stained by NMDAR1 antibody (NBP3-13158) diluted at 1:500. Red: Tau, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI.



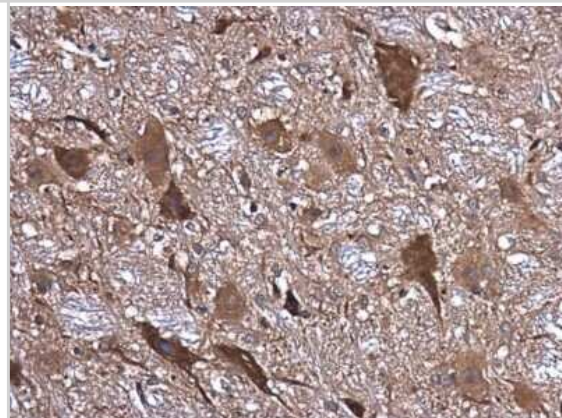
Immunohistochemistry-Frozen: NMDAR1 Antibody [NBP3-13158] - NMDAR1 antibody detects NMDAR1 protein expression by immunohistochemical analysis. Sample: Frozen sectioned adult mouse retina. Green: NMDAR1 protein stained by NMDAR1 antibody (NBP3-13158) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (NBP2-43559) diluted at 1:250. Blue: Fluoroshield with DAPI.



Immunocytochemistry/Immunofluorescence: NMDAR1 Antibody [NBP3-13158] - NMDAR1 antibody detects NMDAR1 protein at synaptic vesicles by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: NMDAR1 protein stained by NMDAR1 antibody (NBP3-13158) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



Immunohistochemistry-Paraffin: NMDAR1 Antibody [NBP3-13158] - Rat brain. NMDAR1 antibody (NBP3-13158) diluted at 1:400. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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Products Related to NBP3-13158

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002902-Q01-2ug	Recombinant Human NMDAR1 GST (N-Term) Protein

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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