

NMDAR1 antibody

Cat. No. GTX133097

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Mouse, Rat, Dog

References (7)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 105 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.37 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Extracellular domain of mouse NMDAR1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

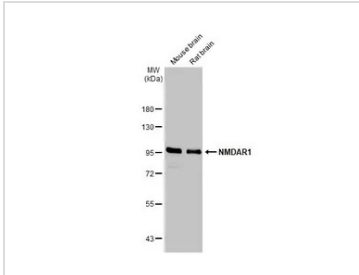


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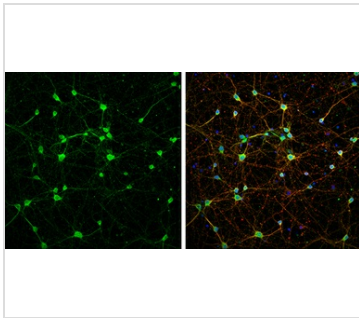
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DATA IMAGES



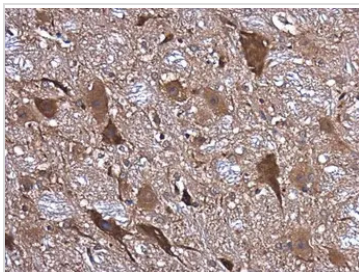
GTx133097 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with NMDAR1 antibody (GTx133097) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



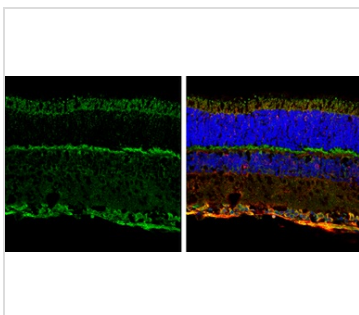
GTx133097 ICC/IF Image

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 (GTx133097) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTx631836) diluted at 1:500. Blue: Fluoroshield with DAPI (GTx30920).



GTx133097 IHC-P Image

NMDAR1 antibody detects NMDAR1 protein at cytoplasm in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. NMDAR1 antibody (GTx133097) diluted at 1:400. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx133097 IHC-Fr Image

NMDAR1 antibody detects NMDAR1 protein expression by immunohistochemical analysis. Sample: Frozen sectioned adult mouse retina. Green: NMDAR1 protein stained by NMDAR1 antibody (GTx133097) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTx631836) diluted at 1:250. Blue: Fluoroshield with DAPI (GTx30920).



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