

NMDAR1 antibody

Cat. No. GTX133097

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

Reference (5)

Package

100 µl, 25 µl

APPLICATION

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



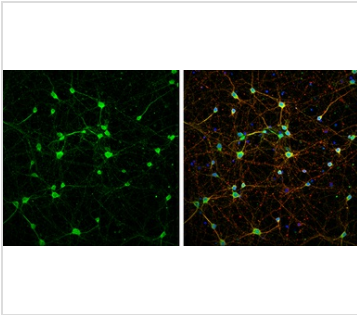
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX133097 ICC/IF Image

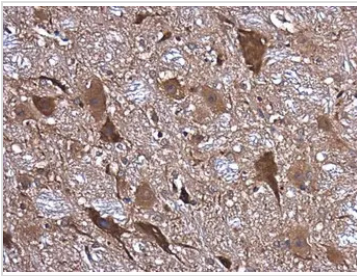
NMDAR1 antibody detects NMDAR1 protein at synaptic vesicles by immunofluorescent analysis.

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).



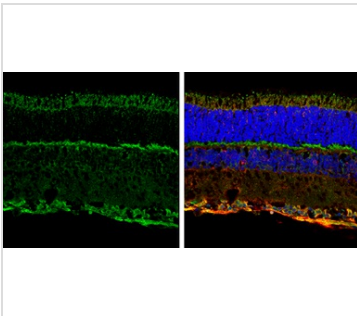
GTX133097 IHC-P Image

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

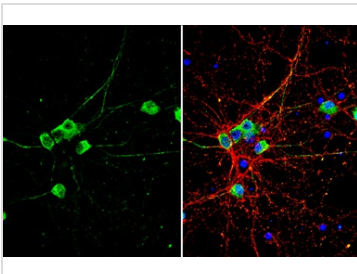
NMDAR1 antibody detects NMDAR1 protein expression by immunohistochemical analysis.

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).



GTX133097 ICC/IF Image

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 (GTX133097) diluted at 1:500.

Red: Tau, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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