

NMDAR2D antibody

Cat. No. GTX04109

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC (Free Floating)
Reactivity	Human, Mouse, Rat

Package
50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW 143 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% sodium azide
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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide CRTQNRTHRGE ₃₄₅ SLHR, corresponding to amino acid residues 345-359 (Extracellular, N-terminus) of rat NMDAR2D (Accession Q62645).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

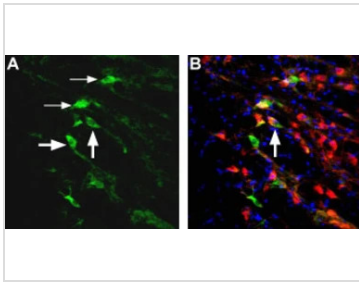
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DATA IMAGES

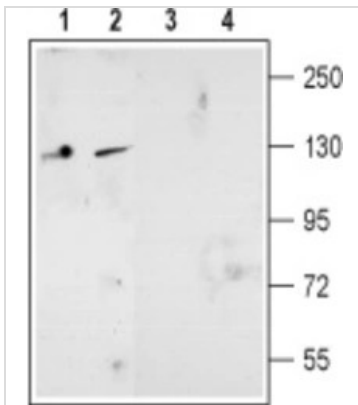
**GTX04109 IHC (Free Floating) Image**

IHC (Free Floating) analysis of rat brain tissue using GTX04109 NMDAR2D antibody. Cells positive for NR2D but negative for parvalbumin (thick arrow, shown in Panel A) and cells positive for both NR2D and parvalbumin (vertical arrow) are both present.

Panel A : NMDAR2D staining (green) appears in a discreet population of cells (thin arrows).

Panel B : Parvalbumin staining (red) and DAPI staining (blue)

Dilution : 1:200

**GTX04109 WB Image**

WB analysis of various tissue lysates using GTX04109 NMDAR2D antibody (Lane 1 and 2) preincubated with blocking peptide (Lane 3 and 4).

Lane 1 and 3 : Mouse brain

Lane 2 and 4 : Rat brain

Dilution : 1:200



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