

Rabbit NMDANR2B Subunit Polyclonal Antibody | anti-NMDANR2B antibody

NMDANR2B Subunit Antibody

CATALOG # AAA306219	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

NMDANR2B Subunit; Polyclonal Antibody; NMDANR2B Subunit Antibody; NMDAR2B; NR2B; anti-NMDANR2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NMDANR2B Subunit protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1482
Applicable Applications for anti-NMDANR2B antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.1250-1254(N-L-Y-D-I) derived from Human NMDANR2B Subunit.
Target Name	NMDANR2B Subunit
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)

Western blot analysis of extract from T98G cells using NMDANR2B Subunit Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NMDANR2B antibody	NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. In concert with DAPK1 at extrasynaptic sites, acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances synaptic NMDA receptor channel activity inducing injurious Ca ²⁺ influx through them, resulting in an irreversible neuronal death
Product Categories/Family for anti-NMDANR2B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6980984
NCBI GeneID	24410
NCBI Accession #	NP_036706.1
NCBI GenBank Nucleotide #	NM_012574.1
UniProt Accession #	Q00960; Q62684
Molecular Weight	180 kd (predicted)
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2B
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, N-methyl D-aspartate 2B
NCBI Official Symbol	Grin2b
NCBI Official Synonym Symbols	GluN2B
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2B
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2B
UniProt Gene Name	Grin2b
UniProt Synonym Gene Names	GluN2B; NMDAR2B; NR2B
UniProt Entry Name	NMDE2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nmdanr2b-subunit-antibody-western-blot-elisa/306219>