

Rabbit anti-Human, Mouse NMDAR2B Polyclonal Antibody | anti-NMDAR2B antibody

NMDAR2B Antibody

CATALOG # AAA301242	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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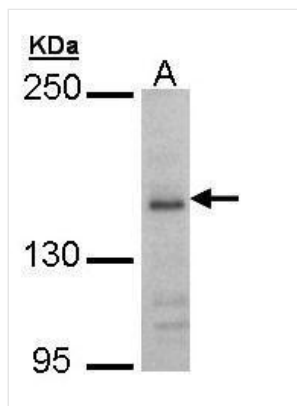
PRODUCT SYNONYMS

NMDAR2B; Polyclonal Antibody; NMDAR2B Antibody; MGC142178 antibody; MGC142180 antibody; NMDAR2B antibody; NR2B antibody; hNR3 antibody; GRIN2B antibody; glutamate receptor subunit epsilon-2 antibody; N-methyl-D-aspartate receptor subunit 3 antibody; glutamate [NMDA] receptor subunit epsilon-2 antibody; anti-NMDAR2B antibody

PRODUCT SPECIFICATIONS

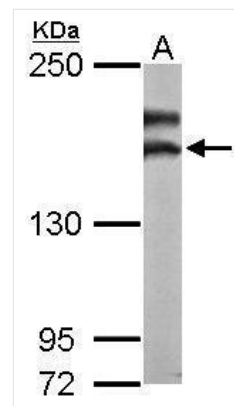
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NMDAR2B protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	0.79 mg/ml (varies by lot)
Sequence Length	1484
Applicable Applications for anti-NMDAR2B antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1010 and 1289 of NMDAR2B.
Target Name	NMDAR2B
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

Sample (30 ug of whole cell lysate)A: Hep G2 5% SDS PAGE diluted at 1:1000



Application Data

Sample (50 ug of whole cell lysate) A: Mouse brain 5% SDS PAGE diluted at 1:3000

ADDITIONAL INFORMATION

Related Product Information for anti-NMDAR2B antibody	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain. [provided by RefSeq]
Product Categories/Family for anti-NMDAR2B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	167003331
NCBI GeneID	2904
NCBI Accession #	NP_000825.2
NCBI GenBank Nucleotide #	NM_000834.3
UniProt Accession #	Q13224; Q12919; Q13220; Q13225; Q14CU4; Q9UM56
Molecular Weight	166,367 Da
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	MRD6; NR2B; hNR3; EIEE27; GluN2B; NMDAR2B
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2B
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2B
UniProt Gene Name	GRIN2B
UniProt Synonym Gene Names	NMDAR2B; GluN2B; NMDAR2B; NR2B; NR3; hNR3
UniProt Entry Name	NMDE2_HUMAN

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.