

Rabbit anti-Mouse, Rat GRIN2B Polyclonal Antibody | anti-GRIN2B antibody

GRIN2B Polyclonal Antibody

CATALOG # AAA177615	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence
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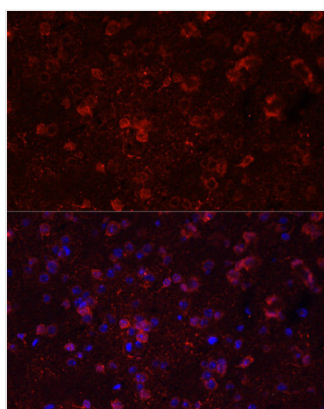
PRODUCT SYNONYMS

GRIN2B; Polyclonal Antibody; GRIN2B Polyclonal Antibody; EIEE27; GluN2B; MRD6; NMDAR2B; NR2B; hNR3; anti-GRIN2B antibody

PRODUCT SPECIFICATIONS

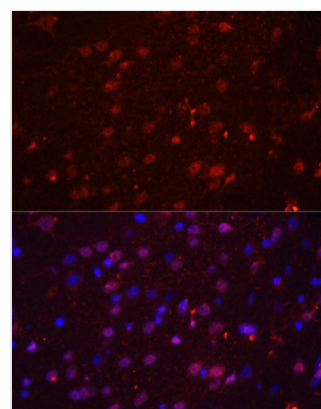
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GRIN2B antibody	IF (Immunofluorescence)
Immunogen	A synthetic peptide of human GRIN2B (NP_0008252)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of Mouse brain using GRIN2B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat brain using GRIN2B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-GRIN2B 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.
Product Categories/Family for anti-GRIN2B antibody	Cancer; Neuroscience; Polyclonal Antibody

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; GluN2B; NMDAR2B
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2B; NR3; glutamate receptor subunit epsilon-2; N-methyl-D-aspartate receptor subunit 3; N-methyl D-aspartate receptor subtype 2B; glutamate [NMDA] receptor subunit epsilon-2
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.