

Rabbit GRIN2B Polyclonal Antibody | anti-GRIN2B antibody

GRIN2B antibody (Tyr1336)

CATALOG # AAA107841	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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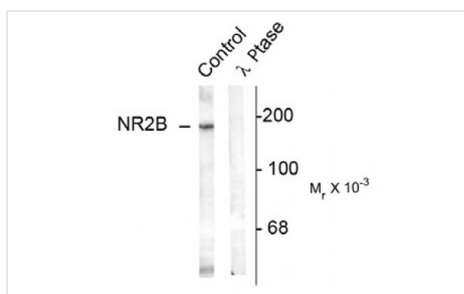
PRODUCT SYNONYMS

GRIN2B; Polyclonal Antibody; GRIN2B antibody (Tyr1336); Polyclonal GRIN2B; Anti-GRIN2B; GRIN 2B; GRIN-2B; Glutamate Receptor Ionotropic N-Methyl D-Aspartate 2B; MGC142178; MGC142180; NMDAR2B; NR2B; hNR3; anti-GRIN2B antibody

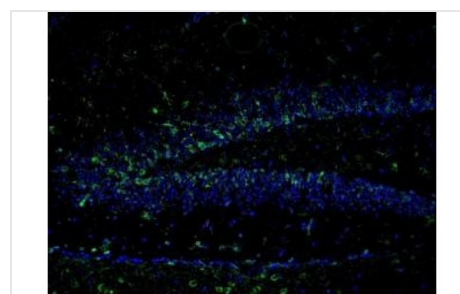
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	GRIN2B antibody was purified by affinity chromatography
Form/Format	Supplied in liquid form in 10 mM HEPES buffer (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% glycerol
Sequence Length	1484
Applicable Applications for anti-GRIN2B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	Several studies have identified rare mutations in the GRIN2B gene in individuals with autism.

IMAGES


WB (Western Blot)

Western blot of rat hippocampal lysate showing specific immunolabeling of ~180k NR2B subunit phosphorylated at Tyr1336 (Control)


IF (Immunofluorescence)

Immunofluorescent staining of mouse dentate gyrus 48 hours post TMT treatment showing NR2B when phosphorylated at Tyr 1336 in green and nuclei in blue

ADDITIONAL INFORMATION

Related Product Information for anti-GRIN2B antibody	Rabbit polyclonal GRIN2B antibody (Tyr1336)
Product Categories/Family for anti-GRIN2B antibody	Signal Transduction; Purified Polyclonal Antibodies

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/grin2b-antibody-immunohistochemistry-western-blot-elisa/107841>