

Rabbit NMDAR2B Polyclonal Antibody | anti-NMDAR2B antibody

NMDAR2B (Phospho-Tyr1336) Antibody

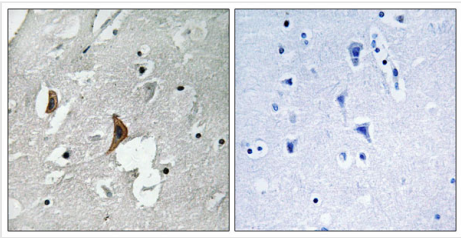
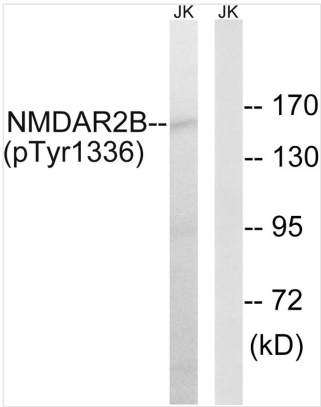
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316638	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NMDAR2B; Polyclonal Antibody; NMDAR2B (Phospho-Tyr1336) Antibody; Glutamate [NMDA] receptor subunit epsilon 2 precursor; GRIN2B; hNR3; N-methyl D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subunit 3; NMDE2; NME2; NR2B; NR3; anti-NMDAR2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	NMDAR2B (Phospho-Tyr1336) Antibody detects endogenous levels of NMDAR2B only when phosphorylated at Tyr1336.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,484
Applicable Applications for anti-NMDAR2B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y1336; M:Y1336; R:Y1336
Immunogen	The antiserum was produced against synthesized peptide derived from human NMDAR2B around the phosphorylation site of Tyr1336.
Immunogen Range	1302-1351
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using NMDAR2B (Phospho-Tyr1336) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from Jurkat cells treated with TNF 20ng/ml 30', using NMDAR2B (Phospho-Tyr1336) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167003331
NCBI GeneID	2904
NCBI Accession #	NP_000825.2
NCBI GenBank Nucleotide #	NM_000834.4
UniProt Accession #	Q13224; Q12919; Q13220; Q13225; Q14CU4; Q9UM56
Molecular Weight	166 kDa
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2B
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2B
NCBI Official Symbol	GRIN2B
NCBI Official Synonym Symbols	NR3; 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; NR2B; NR3; hNR3

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.