

NMDAR2B Antibody | anti-NMDAR2B antibody

NMDAR2B (Phospho-Tyr1336) Antibody

CATALOG # AAA110609	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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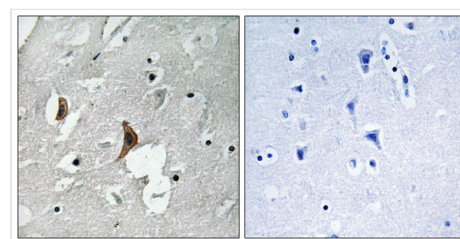
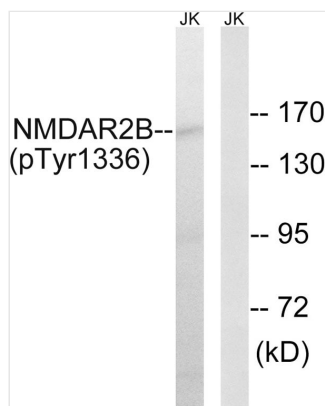
PRODUCT SYNONYMS

NMDAR2B; 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

Reactivity	Human, Mouse, Rat
Specificity	NMDAR2B (Phospho-Tyr1336) antibody detects endogenous levels of NMDAR2B only when phosphorylated at tyrosine 1336.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1484
Applicable Applications for anti-NMDAR2B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NMDAR2B around the phosphorylation site of tyrosine 1336 (S-P-YP-A-H).
All Sites	Human: Tyr1336 Mouse: Tyr1336 Rat: Tyr1336
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using NMDAR2B (Phospho-Tyr1336) antibody. Western blot analysis of extracts from Jurkat cells, treated with TNF (20ng/ml, 30mins), using NMDAR2B (Phospho-Tyr1336) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NMDAR2B antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Adams S.L., Biochim. Biophys. Acta 1260:105-108(1995). Hess S.D., J. Pharmacol. Exp. Ther. 278:808-816(1996). Mandich P., Submitted (FEB-1997) to the EMBL/GenBank/DDBJ databases.

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	166,367 Da
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.