

Rabbit NMDAR2A/B Polyclonal Antibody | anti-NMDAR2A/B antibody

NMDAR2A/B (Phospho-Tyr1246/1252) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316374	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry

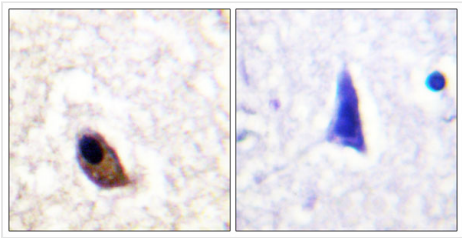
PRODUCT SYNONYMS

NMDAR2A/B; Polyclonal Antibody; NMDAR2A/B (Phospho-Tyr1246/1252) Antibody; Glutamate [NMDA] receptor subunit epsilon 1 precursor; GRIN2A; N-methyl D-aspartate receptor subtype 2A; N-methyl-D-aspartate receptor subtype 2A; NMDAR2AGlutamate [NMDA] receptor subunit epsilon 1; NMDE1; NME1; NR2A; anti-NMDAR2A/B antibody

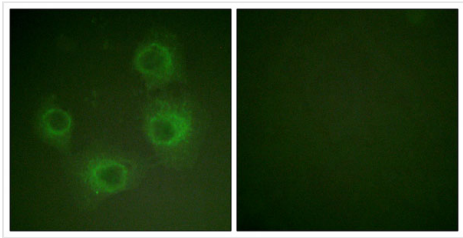
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	NMDAR2A/B (Phospho-Tyr1246/1252) Antibody detects endogenous levels of NMDAR2A/B only when phosphorylated at Tyr1246/1252.
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	1,281
Applicable Applications for anti-NMDAR2A/B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Modification	Phospho
Modification Sites	H:Y1246/Y1252; M:Y1246/Y1252; R:Y1246/Y1252
Immunogen	The antiserum was produced against synthesized peptide derived from human NMDAR2A/B around the phosphorylation site of Tyr1246/1252.
Immunogen Range	1216-1265
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using NMDAR2A/B (Phospho-Tyr1246/1252) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)
Immunofluorescence analysis of HUVEC cells, using NMDAR2A/B (Phospho-Tyr1246/1252) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504125
NCBI GeneID	2903
NCBI Accession #	NP_000824.1
NCBI GenBank Nucleotide #	NM_000833.4
UniProt Accession #	Q12879; O00669; Q17RZ6
Molecular Weight	165 kDa
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2A isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2A
NCBI Official Symbol	GRIN2A
NCBI Official Synonym Symbols	LKS; EPND; FESD; NR2A; GluN2A; NMDAR2A
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2A
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2A
UniProt Gene Name	GRIN2A
UniProt Synonym Gene Names	NMDAR2A; NR2A; hNR2A

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nmdar2a-b-antibody-immunofluorescence-immunohistochemistry-elisa/316374>