

NMDAR1 Antibody | anti-NMDAR1 antibody

NMDAR1 (Phospho-Ser890) Antibody

CATALOG # AAA110354	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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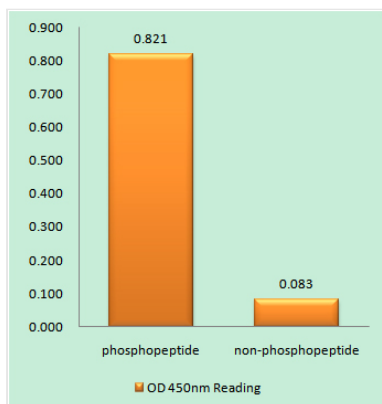
PRODUCT SYNONYMS

NMDAR1; NMDAR1 (Phospho-Ser890) Antibody; GLURZ1; GRIN1; Glutamate [NMDA] receptor subunit zeta 1 precursor; N-methyl-D-aspartate receptor; NMD-R1; NMDZ1; NMZ1; NR1; anti-NMDAR1 antibody

PRODUCT SPECIFICATIONS

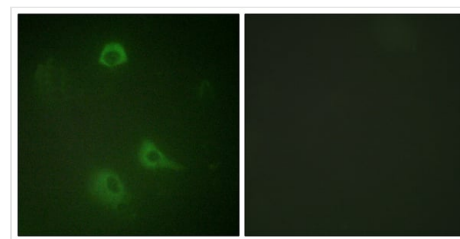
Reactivity	Human, Mouse, Rat
Specificity	NMDAR1 (Phospho-Ser890) antibody detects endogenous levels of NMDAR1 only when phosphorylated at serine 890.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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	885
Applicable Applications for anti-NMDAR1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NMDAR1 around the phosphorylation site of serine 890 (A-S-SP-F-K).
All Sites	Human: Ser890 Mouse: Ser890 Rat: Ser890
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



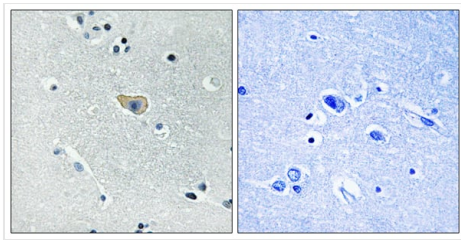
Application Data

NMDAR1 (Phospho-Ser890) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.



IHC (Immunohistochemistry)

P-peptide+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using NMDAR1 (Phospho-Ser890) antibody. Immunofluorescence analysis of A549 cells, using NMDAR1 (Phospho-Ser890) antibody.



Application Data
P-peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-NMDAR1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Guang Bai, J. Biol. Chem., Jan 1998; 273: 1086. Guang Bai, J. Biol. Chem., Mar 1995; 270: 7737. Mai T. Dang, PNAS, Oct 2006; 103: 15254-15259.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11496971
NCBI GeneID	2902
NCBI Accession #	NP_000823.4
NCBI GenBank Nucleotide #	NM_000832.6
UniProt Accession #	Q05586; P35437; Q12867; Q12868; Q5VSF3; Q5VSF4; Q5VSF5; Q5VSF6; Q5VSF7; A6NLK7; A6NLR1; C9K0X1
Molecular Weight	101,851 Da
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 1 isoform GluN1-4a
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 1
NCBI Official Symbol	GRIN1
NCBI Official Synonym Symbols	NR1; MRD8; GluN1; NMDA1; NDHMSD; NDHMSR; NMD-R1; NMDAR1
NCBI Protein Information	glutamate receptor ionotropic, NMDA 1
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 1
UniProt Gene Name	GRIN1
UniProt Synonym Gene Names	NMDAR1; GluN1; NMD-R1

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://www.aaabiotech.com/human-mouse-rat-antibody/nmdar1/110354>