

NMDAR1 Antibody | anti-NMDAR1 antibody

NMDAR1 (Phospho-Ser896) Antibody

CATALOG # AAA267489	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

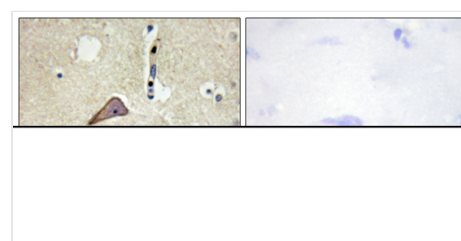
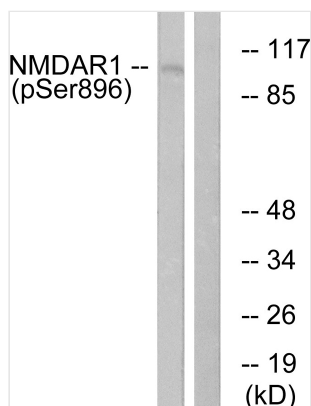
PRODUCT SYNONYMS

NMDAR1; NMDAR1 (Phospho-Ser896) Antibody; GLURZ1; Glutamate [NMDA] receptor subunit zeta 1 precursor; GRIN1; N-methyl-D-aspartate receptor; NMD-R1; NMDZ1; NMZ1; NR1; anti-NMDAR1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	NMDAR1 (Phospho-Ser896) antibody detects endogenous levels of NMDAR1 only when phosphorylated at serine 896.
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, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NMDAR1 around the phosphorylation site of serine 896 (R-R-SP-S-K).
All Sites	Human: Ser897 Mouse: Ser897 Rat: Ser897
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 NMDAR1 (Phospho-Ser896) antibody. Western blot analysis of extracts from K562 cells, treated with PMA (125ng/ml, 30mins), using NMDAR1 (Phospho-Ser896) antibody.

ADDITIONAL INFORMATION

References	Foldes R.L., Gene 131:293-298(1993). Karp S.J., J. Biol. Chem. 268:3728-3733(1993). Planells-Cases R., Proc. Natl. Acad. Sci. U.S.A. 90:5057-5061(1993).
------------	--

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.