

Goat NMDA receptor 1/GRIN1 Antibody | anti-GRIN1 antibody

Goat anti-NMDA receptor 1/GRIN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61094	Goat	Tested: Human, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog	Western Blot, ELISA

PRODUCT SYNONYMS

NMDA receptor 1/GRIN1; Goat anti-NMDA receptor 1/GRIN1 Antibody; GRIN1; NMDA receptor 1; glutamate receptor; ionotropic; N-methyl D-aspartate 1; NMDA1; NMDAR1; NR1; N-methyl-D-aspartate receptor channel; subunit zeta-1; glutamate [NMDA] receptor subunit zeta 1; GRIN1 antibody; NMDA receptor 1 antibody; N-methyl D-aspartate 1 antibody; NMDA1 antibody; NMDAR1 antibody; NR1 antibody; subunit zeta-1 antibody; glutamate [NMDA] receptor subunit zeta 1 antibody; NMDA receptor 1 / GRIN1; anti-GRIN1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Applicable Applications for anti-GRIN1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-TQERVNNSNKKE, from the internal region of the protein sequence according to NP_000823.4; NP_067544.1; NP_015566.1.
Note	This antibody is expected to recognise all three reported isoforms (NP_000823.4; NP_067544.1; NP_015566.1).
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1467
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

AAA61094 (1ug/ml) staining of Human Amylgada (A) and Rat (B) Brain lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11496971
NCBI GeneID	2902
NCBI Accession #	NP_000823.4; NP_067544.1; NP_015566.1
NCBI GenBank Nucleotide #	NM_000832.6
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; 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
UniProt Entry Name	NMDZ1_HUMAN

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/goat-dog-human-mouse-rat-antibody/nmda-receptor-1-grin1/61094>