

Rabbit GRIN2A Polyclonal Antibody | anti-GRIN2A antibody

GRIN2A antibody (N-terminus)

CATALOG # AAA107930	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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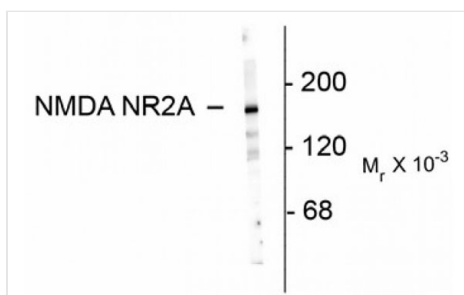
PRODUCT SYNONYMS

GRIN2A; Polyclonal Antibody; GRIN2A antibody (N-terminus); Polyclonal GRIN2A; Anti-GRIN2A; GRIN 2A; GRIN-2A; Glutamate Receptor Ionotropic N-Methyl D-Aspartate 2A; NMDAR2A; NR2A; anti-GRIN2A antibody

PRODUCT SPECIFICATIONS

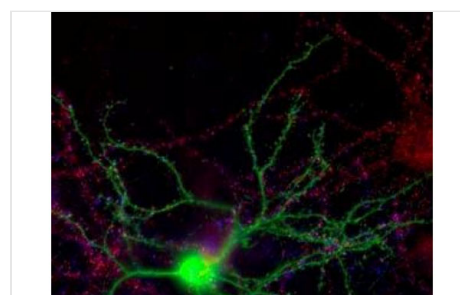
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	GRIN2A antibody was purified by affinity chromatography
Form/Format	Supplied in liquid form in 10 mM HEPES buffer (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% glycerol
Sequence Length	1281
Applicable Applications for anti-GRIN2A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits.

IMAGES



WB (Western Blot)

Western blot of 10 ug of rat hippocampal lysate showing specific immunolabeling of ~ 180k NR2A subunit.



IF (Immunofluorescence)

Immunofluorescent staining of 21 DIV nucleofected mouse striatal neuron (green) co-cultured with cortical neurons showing nice punctate labeling of the N-terminal NR2A subunit (red) in both the medium spiny neurons and the large pyramidal cell in the upper right

ADDITIONAL INFORMATION

Related Product Information for anti-GRIN2A antibody	Rabbit polyclonal GRIN2A antibody (N-terminus)
Product Categories/Family for anti-GRIN2A antibody	Signal Transduction ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	197313638
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NCBI GeneID	2903
NCBI Accession #	NP_001127880.1
NCBI GenBank Nucleotide #	NM_001134408.1
UniProt Accession #	Q12879; O00669; Q17RZ6
Molecular Weight	144,431 Da
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2A isoform 2
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, N-methyl D-aspartate 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; GluN2A; NMDAR2A; NR2A; hNR2A
UniProt Entry Name	NMDE1_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/polyclonal/grin2a-antibody-immunohistochemistry-western-blot-elisa/107930>