

Anti-GRIN1 / NMDAR1 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18624**Specification**

Anti-GRIN1 / NMDAR1 Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q05586
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	105373

Anti-GRIN1 / NMDAR1 Antibody - Additional Information**Gene ID 2902**

Alias Symbol	GRIN1
Other Names	
GRIN1, GluN1, NMDAR1, NR1, MRD8, NMD-R1, NMDA receptor A1, NMDA1, NR1a, GluR zeta 1	

Target/Specificity

Human GRIN1 / NMDAR1

Reconstitution & Storage

Affinity purified

Precautions

Anti-GRIN1 / NMDAR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GRIN1 / NMDAR1 Antibody - Protein Information**Name** GRIN1**Synonyms** NMDAR1**Function**

Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Channel activation requires binding of the neurotransmitter glutamate to the epsilon subunit, glycine binding to the zeta subunit, plus membrane depolarization to eliminate channel inhibition by Mg(2+) (PubMed: [7685113](http://www.uniprot.org/citations/7685113), PubMed: [28126851](http://www.uniprot.org/citations/28126851), PubMed: [26919761](http://www.uniprot.org/citations/26919761), PubMed: [26875626](http://www.uniprot.org/citations/26875626), PubMed: [28105280](http://www.uniprot.org/citations/28105280))

target="_blank">28105280). Sensitivity to glutamate and channel kinetics depend on the subunit composition (PubMed:26919761).

Cellular Location

Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane. Postsynaptic density.

Note=Enriched in postsynaptic plasma membrane and postsynaptic densities.

Anti-GRIN1 / NMDAR1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GRIN1 / NMDAR1 Antibody - Images