

Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18471**Specification**

Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus) - Product Information

Application	WB, IHC-P
Primary Accession	P23415
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52624

Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus) - Additional Information**Gene ID** 2741**Alias Symbol** **GLRA1****Other Names**

GLRA1, Alpha 1 glycine Receptor, GlyR alpha 1, GLYRA1, SPD, STHE, Spasmodic, Glycine receptor alpha 1, Glycine receptor, alpha 1, HKPX1, Strychnine binding subunit

Target/Specificity

Endogenous levels of mouse alpha 1 Glycine Receptor. It is predicted to react with human alpha 1 Glycine Receptor according to sequence homology. Positive Control: Mouse brain.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus) - Protein Information**Name** GLRA1**Function**

Glycine receptors are ligand-gated chloride channels (PubMed:23994010, PubMed:25730860). Channel opening is triggered by extracellular glycine (PubMed:2155780, PubMed:7920629, PubMed:14551753, PubMed:16144831, PubMed:22715885, PubMed:22973015, PubMed:22973015).

href="http://www.uniprot.org/citations/25973519" target="_blank">25973519, PubMed:9009272). Channel opening is also triggered by taurine and beta- alanine (PubMed:16144831, PubMed:9009272). Channel characteristics depend on the subunit composition; heteropentameric channels are activated by lower glycine levels and display faster desensitization (PubMed:14551753). Plays an important role in the down-regulation of neuronal excitability (PubMed:8298642, PubMed:9009272). Contributes to the generation of inhibitory postsynaptic currents (PubMed:25445488). Channel activity is potentiated by ethanol (PubMed:25973519). Potentiation of channel activity by intoxicating levels of ethanol contribute to the sedative effects of ethanol (By similarity).

Cellular Location

Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q64018}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q64018}. Synapse {ECO:0000250|UniProtKB:Q64018} Perikaryon {ECO:0000250|UniProtKB:Q64018}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q64018}. Cell membrane; Multi-pass membrane protein

Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus) - 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-GLRA1/Glycine Receptor Alpha 1 Antibody (N-Terminus) - Images