

Glycine Receptor alpha 3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57805**Specification**

Glycine Receptor alpha 3 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	075311
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53800

Glycine Receptor alpha 3 Polyclonal Antibody - Additional Information**Gene ID** 8001**Other Names**

Glycine receptor subunit alpha-3, GLRA3

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Glycine Receptor alpha 3 Polyclonal Antibody - Protein Information**Name** GLRA3**Function**

Glycine receptors are ligand-gated chloride channels. Channel opening is triggered by extracellular glycine (PubMed:9677400, PubMed:26416729). Channel characteristics depend on the subunit composition; heteropentameric channels display faster channel closure (By similarity). Plays an important role in the down-regulation of neuronal excitability (By similarity). Contributes to the generation of inhibitory postsynaptic currents (By similarity). Contributes to increased pain perception in response to increased prostaglandin E2 levels (By similarity). Plays a role in cellular responses to ethanol (By similarity).

Cellular Location

Postsynaptic cell membrane {ECO:0000250|UniProtKB:P24524}; Multi-pass membrane protein. Perikaryon {ECO:0000250|UniProtKB:P24524}. Cell projection, dendrite {ECO:0000250|UniProtKB:P24524}. Synapse {ECO:0000250|UniProtKB:P24524}. Cell membrane; Multi-pass membrane protein. Note=Partially colocalizes with GPHN that is known to mediate receptor clustering at postsynaptic membranes. {ECO:0000250|UniProtKB:P24524}

Tissue Location

Widely distributed throughout the central nervous system.

Glycine Receptor alpha 3 Polyclonal 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](#)

Glycine Receptor alpha 3 Polyclonal Antibody - Images