

**GLRA4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
Catalog # AP54723

**Specification**

**GLRA4 Polyclonal Antibody - Product Information**

Application **WB**  
Primary Accession [O61603](#)  
Host **Rabbit**  
Clonality **Polyclonal**  
Calculated MW **52514**

**GLRA4 Polyclonal Antibody - Additional Information**

**Gene ID** 14657

**Other Names**

Glycine receptor subunit alpha-4, Glra4

**Format**

0.01M TBS(pH7.4) with 1% BSA, 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.

**GLRA4 Polyclonal Antibody - Protein Information**

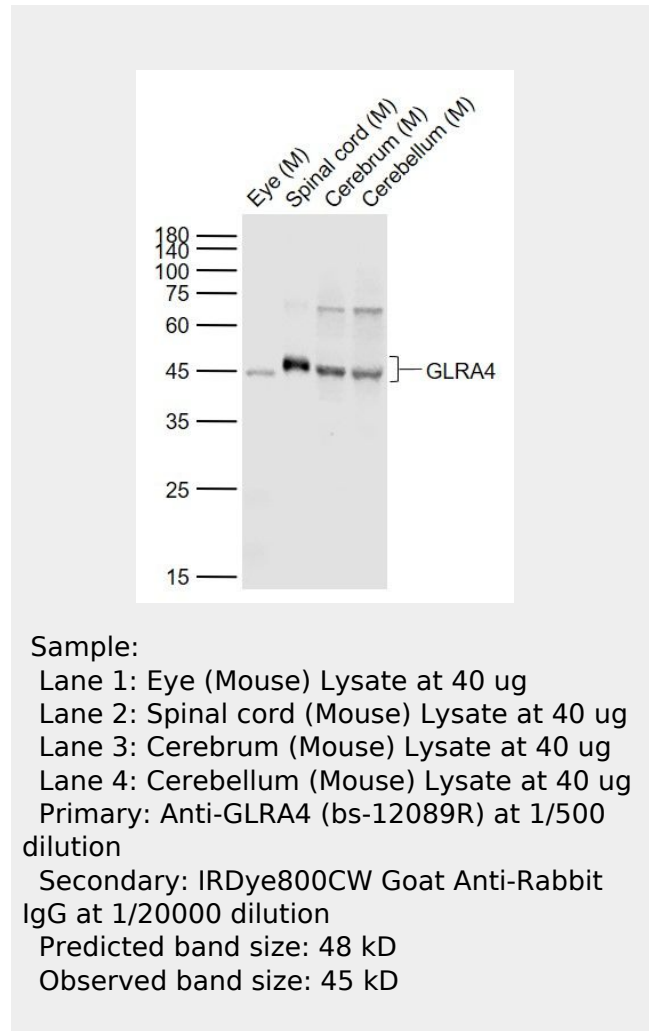
**Name** Glra4

**Function**

Glycine receptors are ligand-gated chloride channels. Channel opening is triggered by extracellular glycine. Channel opening is also triggered by taurine and beta-alanine (PubMed:<a href="http://www.uniprot.org/citations/10762330" target="\_blank">10762330</a>). Plays a role in the down-regulation of neuronal excitability. Contributes to the generation of inhibitory postsynaptic currents (Probable).

**Cellular Location**

Cell junction, synapse, postsynaptic cell



membrane; Multi-pass membrane protein.  
Cell junction, synapse. Perikaryon Cell  
projection, dendrite. Cell membrane;  
Multi-pass membrane protein

**Tissue Location**

Detected in the retina inner plexiform layer,  
especially at the border between layer  
three and four (at protein level)  
(PubMed:17154252).

**GLRA4 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](#)