
Glycine Receptor Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253165

Unit: 0.1 ml

Description:

Glycine is an important inhibitory transmitter in the brainstem and spinal cord. Glycine receptors are members of the ligand-gated ion channel family (LGICs) that mediate rapid chemical neurotransmission. The binding of glycine to its receptor produces a large increase in chloride conductance, which causes membrane hyperpolarization. Glycine receptors are anchored at inhibitory chemical synapses by a cytoplasmic protein, gephyrin. The glycine receptor has been used to great advantage in the identification of the binding sites for alcohol on the LGIC family of proteins.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: R, M, H, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Glycine receptor subunit alpha-1; Glycine receptor 48 kDa subunit; Glycine receptor strychnine-binding subunit; Glra1; Glyr

Accession No.: P07727

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of rat glycine receptor.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IHC: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.