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Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (aa373-386)

Goat Anti Rat Polyclonal Antibody
Catalog # ALS17878

Product Information

Application	WB, IHC-P, E
Primary Accession	P23415
Reactivity	Rat
Predicted	Human, Mouse, Rabbit, Hamster, Pig, Chicken, Bovine, Horse, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	52624
Concentration (mg/ml)	0.5 mg/ml

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	Human GLRA1. The immunizing peptide represents part of the cytoplasmic domain. The antibody is not expected to cross-react with other glycine receptor alpha proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-GLRA1/Glycine Receptor Alpha 1 Antibody (aa373-386) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GLRA1
Function	Subunit of heteromeric glycine-gated chloride channels (PubMed: 14551753, PubMed:23994010, PubMed:25730860, PubMed:37821459). 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.