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# anti-GLRA1 antibody (AA 23-113) (FITC)



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Quantity:	100 μg
Target:	GLRA1
Binding Specificity:	AA 23-113
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLRA1 antibody is conjugated to FITC
Application:	Please inquire

### **Product Details**

Immunogen:	Recombinant Human Glycine receptor subunit alpha-1 protein (23-113AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

## Target Details

Target:	GLRA1	
Alternative Name:	GLRA1 (GLRA1 Products)	
Background:	Background: 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: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).

Aliases: GLRA1 antibody, GLRA1\_HUMAN antibody, Glycine receptor 48 kDa subunit antibody, Glycine receptor subunit alpha-1 antibody, Glycine receptor, alpha 1 subunit antibody, HKPX1 antibody,

UniProt: P23415

Pathways: Synaptic Membrane

STHE antibody

#### **Application Details**

Restrictions: For Research Use only

#### Handling

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	