



Rabbit Anti-GLRA4 antibody

SL12089R

Product Name:	GLRA4
Chinese Name:	甘氨酸受体 α 4抗体
Alias:	Glr4; GLRA4 HUMAN; Glycine receptor subunit alpha-4; Glycine receptor, alpha 4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GLRA4:31-130/417<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	<p>The glycine receptor is a neurotransmitter-gated ion channel. Binding of glycine to its receptor increases the chloride conductance and thus produces hyperpolarization (inhibition of neuronal firing).</p> <p>Function: The glycine receptor is a neurotransmitter-gated ion channel. Binding of glycine to its</p>

receptor increases the chloride conductance and thus produces hyperpolarization (inhibition of neuronal firing).

Subunit:

Pentamer composed of alpha and beta subunits

Subcellular Location:

Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

Similarity:

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Glycine receptor (TC 1.A.9.3) subfamily. GLRA4 sub-subfamily.

SWISS:

Q5JXX5

Gene ID:

441509

Database links:

[Entrez Gene: 441509](#)Human

[SwissProt: Q5JXX5](#)Human

[Unigene: 533289](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.