

Goat anti-GRIA4, Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4475a**Specification**

Goat anti-GRIA4, Biotinylated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P48058
Other Accession	NP_000820.3 , NP_001070711.1 , NP_001070712.1
Reactivity	Human, Mouse, Rat, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	100871

Goat anti-GRIA4, Biotinylated Antibody - Additional Information**Gene ID** 2893**Other Names**

GRIA4 ; glutamate receptor, ionotropic, AMPA 4 ; GLUR4; GLUR4C; GLURD; AMPA-selective glutamate receptor 4

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-GRIA4, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-GRIA4, Biotinylated Antibody - Protein Information**Name** GRIA4 {ECO:0000303|PubMed:29220673, ECO:0000312|HGNC:HGNC:4574}**Function**

Receptor for glutamate that functions as a ligand-gated ion channel in the central nervous system and plays an important role in excitatory synaptic transmission. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is

characterized by a delayed accumulation of current flux upon continued application of glutamate.

Cellular Location

Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Cell projection, dendrite. Note=Interaction with CNIH2, CNIH3 and PRKCG promotes cell surface expression.

Goat anti-GRIA4, Biotinylated 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](#)

Goat anti-GRIA4, Biotinylated Antibody - Images