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Gria3 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10774

Specification

Gria3 Antibody - middle region - Product Information

Application	**WB**
Primary Accession	P19492
Other Accession	NM_032990, NP_116785
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**97kDa KDa**

Gria3 Antibody - middle region - Additional Information

Gene ID 29628

Alias Symbol **GLUR3, GluA3|GluR-3|GluR-C|GluR-K3**

Other Names
Glutamate receptor 3, GluR-3, AMPA-selective glutamate receptor 3, GluR-C, GluR-K3, Glutamate receptor ionotropic, AMPA 3, GluA3, Gria3, Glur3

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Gria3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Gria3 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Gria3 Antibody - middle region - Protein Information

Name Gria3

Synonyms Glur3

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 (By similarity).

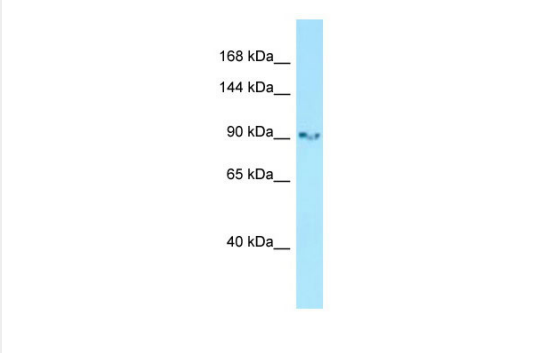
Cellular Location
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Note=Interaction with CNIH2 and CNIH3 promotes cell surface expression

Gria3 Antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Gria3 Antibody - middle region - Images



Host: Rabbit
Target Name: Gria3
Sample Tissue: Rat Stomach lysates
Antibody Dilution: 1.0µg/ml