

GLUR3 Antibody FITC Conjugated

Catalog No: #C03706F

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Description

Product Name	GLUR3 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 440-490 894 derived from human GLUR3
Conjugates	FITC
Target Name	GLUR3 GRIA 3
Other Names	GLUR3; GLURC; GluA3; MRX94; GLUR-C; GLUR-K3; Glutamate receptor 3; GluR-3; AMPA-selective glutamate receptor 3; Glutamate receptor ionotropic, AMPA 3; GRIA3
Accession No.	Swiss-Prot#P42263NCBI Gene ID2892
Uniprot	P42263
GeneID	2892;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Receptor for glutamate that functions as 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.

Note: This product is for in vitro research use only