

GLUR4 Antibody FITC Conjugated

Catalog No: #C03707F

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Description

Product Name	GLUR4 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 derived from human GLUR4
Conjugates	FITC
Target Name	GLUR4
Other Names	AMPA 4; AMPA selective glutamate receptor 4; GluR 4; GluR D; GLUR4; GLUR4C; GLURD; Glutamate receptor 4; Glutamate receptor ionotropic AMPA 4; GRIA 4; GRIA4; GRIA4_HUMAN.
Accession No.	NCBI Gene ID2893
Uniprot	P48058
GeneID	2893;
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

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties.

Note: This product is for in vitro research use only