

Anti-GRIK3 Antibody

Catalog # AP95846

Product Information

Application	WB, FC
Primary Accession	Q13003
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	104037

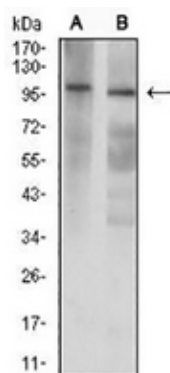
Additional Information

Gene ID	2899
Other Names	GLUR7; Glutamate receptor ionotropIC, , kainate 3; GluK3; Excitatory amino acid receptor 5; EAA5; Glutamate receptor 7; GluR-7; GluR7
Target/Specificity	Recombinant fusion protein of human GRIK3 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

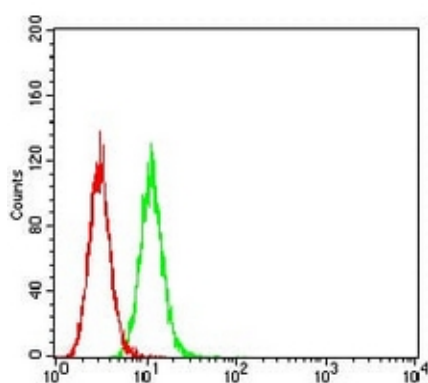
Protein Information

Name	GRIK3
Synonyms	GLUR7
Function	Ionotropic glutamate receptor that functions as a cation- permeable ligand-gated ion channel, gated by L-glutamate and the glutamatergic agonist kainic acid. 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 (PubMed: 7719709). In association with GRIK2, involved in presynaptic facilitation of glutamate release at hippocampal mossy fiber synapses (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P42264}; Multi-pass membrane protein. Postsynaptic cell membrane {ECO:0000250 UniProtKB:P42264}; Multi-pass membrane protein

Images



Western blot analysis of GRIK3 expression in A431 (A), HeLa (B) whole cell lysates. (Predicted band size: 104 kD; Observed band size: 104 kD)



Flow cytometric analysis of HeLa cells using Anti-GRIK3 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.