



KA1 Rabbit mAb

Catalog No	YP-rAb-17457
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	GRIK4 GRIK
Protein Name	GRIK4
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-1:5000;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	KA1;GRIK4;Glutamate receptor, ionotropic kainate 4 ; Excitatory amino acid receptor 1 ; EAA1 ; Glutamate receptor KA-1 ; KA1 ;GRIK4 GRIK
Observed Band	105kD
Calculated Molecular Weight	105kD
Cell Pathway	Cell membrane; Multi-pass membrane protein . Cell junction , synapse, postsynaptic cell membrane; Multi-pass membrane protein.
Tissue Specificity	Hippocampus,Kidney,
Function	Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists.,similarity:Belongs to the glutamate-gated ion channel (TC 1.A.10) family.,subunit:Forms a heteromeric channel with GRIK1 or GRIK3.,
Background	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq,

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Sep 2013],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Western blot analysis of lysates from Rat brain cell, primary antibody was diluted at 1:1000, 4 ° over night, Dylight 800 secondary antibody was diluted at 1:10000, 37 ° 1 hour.

