

GluR-5 Polyclonal Antibody

Cat No: HR1AP6753

For research use only

Overview

Product Name	GluR-5 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	100kDa
GeneID?Human?	GRIK1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	GRIK1; GLUR5; Glutamate receptor; ionotropic kainate 1; Excitatory amino acid receptor 3; EAA3; Glutamate receptor 5; GluR-5; GluR5
Background	glutamate ionotropic receptor kainate type subunit 1(GRIK1) Homo sapiens Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. The subunit encoded by this gene is subject to RNA editing (CAG->CGG; Q->R) within the second transmembrane domain, which is thought to alter the properties of ion flow. Alternative splicing, resulting in transcript variants encoding different isoforms, has been noted for this gene. [provided by RefSeq, Jul 2008],