



GRIK2 (GluR6) Polyclonal Antibody

Cat No: HR1AP9437

For research use only

Overview

Product Name	GRIK2 (GluR6) Polyclonal Antibody
Source	Rabbit
Applications	IHC-p
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	103kDa
GenelID?Human?	GRIK2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Glutamate receptor, ionotropic kainate 2 (Excitatory amino acid receptor 4) (EAA4) (Glutamate receptor 6) (GluR-6) (GluR6)
Background	glutamate ionotropic receptor kainate type subunit 2(GRIK2) 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 at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive mental retardation. [provided by RefSeq, Jul 2008],