

GRIK2 (GluR6) rabbit pAb

Cat No.:ES20731

For research use only

Overview

Product Name	GRIK2 (GluR6) rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human
Recommended dilutions	IHC 1:100-200
Immunogen	Synthetic Peptide of GRIK2 (GluR6) AA range: 119-169
Specificity	GRIK2(GluR6) protein(A240) detects endogenous levels of GRIK2(GluR6)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Glutamate receptor, ionotropic kainate 2 (Excitatory amino acid receptor 4) (EAA4) (Glutamate receptor 6) (GluR-6) (GluR6)
Gene Name	GRIK2
Cellular localization	Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	103kD
Human Gene ID	2898
Human Swiss-Prot Number	Q13002
Alternative Names	Glutamate receptor, ionotropic kainate 2 (Excitatory amino acid receptor 4;EAA4;Glutamate receptor 6;GluR-6;GluR6)
Background	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],

Immunohistochemical analysis of paraffin-embedded Human Colon Tissue using GRIK2(GluR6) Rabbit pAb diluted at 1:200.

