GRIK5 polyclonal antibody

Catalog # PAB15631 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised aganist synthetic peptide of GRIK5.
Immunogen	A synthetic peptide corresponding to human GRIK5.
Sequence	C-GPAGPRELAEHE
Host	Goat
Theoretical MW (kDa)	109
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GRIK5

Entrez GeneID	2901
Protein Accession#	NP_002079.3
Gene Name	GRIK5
Gene Alias	EAA2, GRIK2, KA2
Gene Description	glutamate receptor, ionotropic, kainate 5
Omim ID	600283
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate f unctions 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 b y this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encod ed by related gene family members. [provided by RefSeq
Other Designations	excitatory amino acid receptor 2|glutamate receptor KA2

Publication Reference

- Human herpesvirus 6 (HHV-6) induces dysregulation of glutamate uptake and transporter expression in astrocytes.

  Fotheringham J, Williams EL, Akhyani N, Jacobson S.

  Journal of Neuroimmune Pharmacology 2008 Jun; 3(2):105.

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Genetic Predisposition to Disease
- Mental Disorders
- Schizophrenia