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GRIK2 Polyclonal Antibody

Cat #: G-AB-05017

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
GRIK2 (Glutamate Ionotropic Receptor Kainate Type Subunit 2) is a Protein Coding gene. Diseases associated with GRIK2 include Autosomal Recessive Non-Syndromic Intellectual Disability and Spinocerebellar Ataxia 11. Among its related pathways are CREB Pathway and Presynaptic function of Kainate receptors. GO annotations related to this gene include protein homodimerization activity and ubiquitin protein ligase binding. An important paralog of this gene is GRIK3.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

Gene ID:

Accession #: NP068775

Immunogen: Synthetic peptide of human GRIK2

Conjugation: Unconjugated

Swissprot: Q13002

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1.56 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA

Dilution: IHC 1:25-1:100, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.