
Grik2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253795

Unit: 0.1 mg

Description:

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. Grik2, also known as glutamate receptor 6, belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. Recent reports have suggested that defects in the Grik2 protein may be associated with autosomal recessive mental retardation and possibly other neurological disorders such as schizophrenia. Numerous isoforms of Grik2 are known to exist and may be subject to RNA editing within the second transmembrane domain, which is thought to alter the properties of ion flow. This Grik2 antibody may exhibit some cross-reactivity to Grik3.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Grik2 (C2); Glutamate receptor ionotropic kainate 2; glutamate receptor 6; gluR6; excitatory amino acid receptor 4; eea4

Accession No.: Q13002

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human Grik2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

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

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.