

GRIK1 Rabbit pAb

Catalog No.: A10475

Basic Information

Observed MW

Refer to Figures

Calculated MW

104kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

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 (CAG->CGG; Q->R) within the second transmembrane domain, which is thought to alter the properties of ion flow. Alternative splicing, resulting in transcript variants encoding different isoforms, has been noted for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2897

Swiss Prot

P39086

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

EAA3; EEA3; GLR5; GLUR5; GluK1; glur-5; GRIK1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.