

GRIK2 Rabbit pAb

Catalog No.: A1939

Basic Information

Observed MW

115kDa

Calculated MW

103kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, 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 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 cognitive disability.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2898

Swiss Prot

Q13002

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-300 of human GRIK2 (NP_068775.1).

Synonyms

AAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2; NEDLAS; GRIK2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

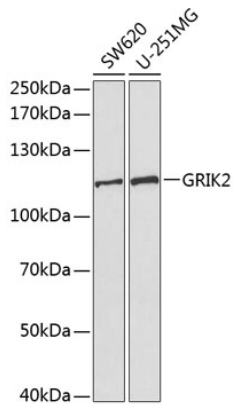
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GRIK2 antibody (A1939) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.