

GRIK3 Rabbit pAb

Catalog No.: A10701 **2 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

104kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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. It is not certain if the subunit encoded by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of delirium tremens in alcoholics.

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

2899

Swiss Prot

Q13003

Immunogen

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

Synonyms

EAA5; GLR7; GLUR7; GluK3; GluR7a; GRIK3

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 containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.