

## GRIK2

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**103kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human GRIK2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bg

**Synonym:**

EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2

**Catalog #:**A1939

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2898

**Isotype:**IgG

**Swiss Prot:**Q13002

**Purity:**Affinity purification

For research use only.

**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 mental retardation.

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