

Product datasheet for **TA306496**

GRIK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Grik2 antibody was raised against a 13 amino acid peptide near the carboxy terminus of the human Grik2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glutamate ionotropic receptor kainate type subunit 2
Database Link:	NP_001159719 Entrez Gene 14806 Mouse Entrez Gene 54257 Rat Entrez Gene 2898 Human Q13002

Background: 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.



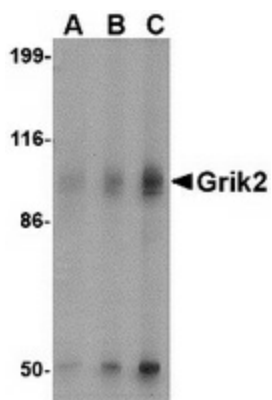
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Synonyms: EAA4; GLR6; GluK2; GLUK6; GLUR6; MRT6

Protein Families: Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Western blot analysis of Grik2 in human brain tissue lysate with Grik2 antibody at (A) 0.5 and (B) 1 ug/ml.