

Product datasheet for **TA305864**

GRIK3 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.05-0.2ug/ml.
Reactivity:	Rat, Mouse (Expected from sequence similarity: Human, Dog, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KIRQLPIDSDDSRP, from the internal region of the protein sequence according to NP_000822.2.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
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 3
Database Link:	NP_000822 Entrez Gene 14807 MouseEntrez Gene 298521 RatEntrez Gene 608269 DogEntrez Gene 2899 Human Q13003



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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. [provided by RefSeq]

Synonyms:

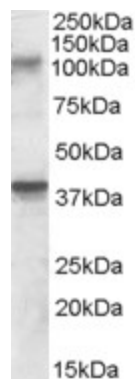
EAA5; GLR7; GluK3; GLUR7; GluR7a

Protein Families:

Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

Protein Pathways:

Neuroactive ligand-receptor interaction

Product images:

TA305864 (0.3ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.