ARG64592
anti-GRIK3 / GLUR7 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GRIK3 / GLUR7
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu, Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GRIK3 / GLUR7
Species	Human
Immunogen	C-KIRQLPIDSDDSRP
Conjugation	Un-conjugated
Alternate Names	GluR7; GluK3; Glutamate receptor ionotropic, kainate 3; Excitatory amino acid receptor 5; GLUR7; GluR-7; EAA5; GLR7; Glutamate receptor 7; GluR7a

Application Instructions

Application table

Application	Dilution
WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

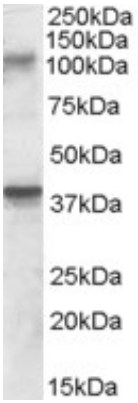
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 14807 Mouse GeneID: 298521 Rat Swiss-port # B1AS29 Mouse Swiss-port # P42264 Rat
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, Jul 2008]
Research Area	Neuroscience antibody
Calculated Mw	104 kDa

Images



ARG64592 anti-GRIK3 / GLUR7 antibody WB image

Western Blot: Rat Brain lysate (35 µg protein in RIPA buffer) stained with ARG64592 anti-GRIK3 / GLUR7 antibody at 0.3 µg/ml dilution.