Rabbit GRIK3 Polyclonal Antibody | anti-GRIK3 antibody

GRIK3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284374	**Rabbit**	**Mouse (Predicted Reactivity: Monkey, Rat)**	**Immunohistochemistry, ELISA, Western Blot**

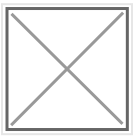
PRODUCT SYNONYMS

GRIK3; Polyclonal Antibody; GRIK3 Antibody (N-term); Glutamate receptor ionotropic; kainate 3; GluK3; Excitatory amino acid receptor 5; EAA5; Glutamate receptor 7; GluR-7; GluR7; GLUR7; anti-GRIK3 antibody

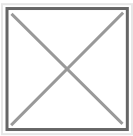
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Monkey, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GRIK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the N-terminal region of human GRIK3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	70-98
Sequence Length	872
Applicable Applications for anti-GRIK3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
GRIK3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GRIK3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GRIK3 Antibody (N-term) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the GRIK3 antibody detected the GRIK3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GRIK3 antibody	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].
Product Categories/Family for anti-GRIK3 antibody	Neuroscience; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Luciano, M., et al. Behav. Genet. 40(4):518-532(2010) Kilic, G., et al. Psychiatry Res 175 (1-2), 43-46 (2010) : Gill, M.B., et al. J. Biol. Chem. 284(21):14503-14512(2009) Ahmad, Y., et al. World J. Biol. Psychiatry 10(4):330-333(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28605145
NCBI GeneID	2899
NCBI Accession #	NP_000822.2
NCBI GenBank Nucleotide #	NM_000831.3
UniProt Accession #	Q13003; Q13004; Q16136; A9Z1Z8; B1AMS6
Molecular Weight	104037
NCBI Official Full Name	glutamate receptor ionotropic, kainate 3
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, kainate 3
NCBI Official Symbol	GRIK3
NCBI Official Synonym Symbols	EAA5; GLR7; GLUR7; GluK3; GluR7a
NCBI Protein Information	glutamate receptor ionotropic, kainate 3
UniProt Protein Name	Glutamate receptor ionotropic, kainate 3
UniProt Gene Name	**GRIK3**
UniProt Synonym Gene Names	GLUR7; GluK3; EAA5; GluR-7; GluR7
UniProt Entry Name	GRIK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/grik3-antibody-immunohistochemistry-western-blot-elisa/284374