

Rabbit GRIK5 Polyclonal Antibody | anti-GRIK5 antibody

GRIK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198199	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

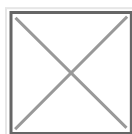
PRODUCT SYNONYMS

GRIK5; Polyclonal Antibody; GRIK5 Antibody; anti-GRIK5 antibody

PRODUCT SPECIFICATIONS

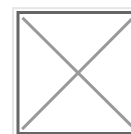
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ED GLYGAPEPNG SWTGMVGELI NRKADLAVAA FTITAEREKV IDFSKPFM
Sequence Length	980
Applicable Applications for anti-GRIK5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GRIK5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GRIK5 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:2500
 Positive Control: Jurkat cell lysate
 GRIK5 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Rabbit Anti-GRIK5 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
 Observed Staining: Membrane in cell processes
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1/600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GRIK5 antibody	This is a rabbit polyclonal antibody against GRIK5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GRIK5 is a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. GRIK5 forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members.This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-GRIK5 antibody	Polyclonal ; Ion Channel ; Signal Proteins ; Membrane Protein ; Membrane & Traffic ; Immunohistochemistry ; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	29029597
NCBI GeneID	2901
NCBI Accession #	NP_002079
NCBI GenBank Nucleotide #	NM_002088
UniProt Accession #	Q16478
Molecular Weight	108kDa
NCBI Official Full Name	glutamate receptor ionotropic, kainate 5 isoform 2
NCBI Official Synonym Full Names	glutamate ionotropic receptor kainate type subunit 5
NCBI Official Symbol	GRIK5
NCBI Official Synonym Symbols	KA2; EAA2; GRIK2; GluK5
NCBI Protein Information	glutamate receptor ionotropic, kainate 5
UniProt Protein Name	Glutamate receptor ionotropic, kainate 5
UniProt Gene Name	GRIK5
UniProt Synonym Gene Names	GRIK2; GluK5; EAA2; KA2
UniProt Entry Name	GRIK5_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.