

Rabbit GRIK2 Polyclonal Antibody | anti-GRIK2 antibody

GRIK2 antibody - N-terminal region

CATALOG # AAA197987	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

GRIK2; Polyclonal Antibody; GRIK2 antibody - N-terminal region; anti-GRIK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: PD FSSLSRAILD LVQFFKWKT TVVYDDSTGL IRLQELIKAP SRYNLRK
Sequence Length	908
Applicable Applications for anti-GRIK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GRIK2
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)

Lanes: Lane1: 10ug mouse cortex brain lysate Lane2: 25ug mouse cortex brain lysate Lane3: 40ug mouse cortex brain lysate
Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP
Secondary Antibody Dilution: 1:2000 Gene Name: GRIK2 Submitted by: Anonymous


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-GRIK2 antibody

This is a rabbit polyclonal antibody against GRIK2. It was validated on Western Blot and immunohistochemistry

Target Description: The GRIK2 gene encodes a subunit of a kainate glutamate receptor. Glutamate receptors mediate the majority of excitatory neurotransmission in the brain. This receptor may have a role in synaptic plasticity and may be important for learning and memory. It also may be involved in the transmission of light information from the retina to the hypothalamus. The structure and function of the encoded protein is changed by RNA editing.

Product Categories/Family for anti-GRIK2 antibody	Polyclonal; Various; Immunohistochemistry; Receptors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2492627
NCBI GeneID	2898
UniProt Accession #	Q13002
Molecular Weight	102kDa
NCBI Official Full Name	Glutamate receptor ionotropic, kainate 2
NCBI Official Synonym Full Names	glutamate ionotropic receptor kainate type subunit 2
NCBI Official Symbol	GRIK2
NCBI Official Synonym Symbols	EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2
NCBI Protein Information	glutamate receptor ionotropic, kainate 2
UniProt Protein Name	Glutamate receptor ionotropic, kainate 2
UniProt Gene Name	GRIK2
UniProt Synonym Gene Names	GLUR6; GluK2; EAA4; GluR-6; GluR6
UniProt Entry Name	GRIK2_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/grik2-antibody-western-blot-immunohistochemistry-elisa/197987>