

Rabbit GriK5 Polyclonal Antibody | anti-GriK5 antibody

GriK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307126	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

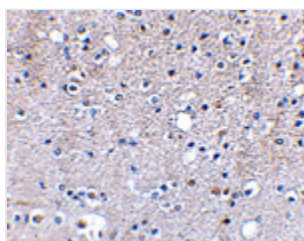
PRODUCT SYNONYMS

GriK5; Polyclonal Antibody; GriK5 Antibody; Glutamate receptor ionotropic kainate 5; KA2; excitatory amino acid receptor 2; eea2; anti-GriK5 antibody

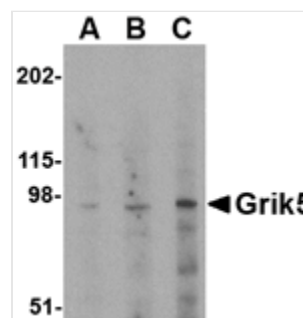
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This GriK5 antibody does not cross-react with GriK4.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	980
Applicable Applications for anti-GriK5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of the human GriK5.
Target Name	GriK5
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human brain tissue using GriK5 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of GriK5 in human brain tissue lysate with GriK5 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Grik5 antibody	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. Grik5, also known as kainate-preferring glutamate recptor subunit KA2, belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. Grik5 is highly homologous to the related ionotropic glutamate receptor Grik4 (also known as KA1). Like Grik4, Grik5 does not form homomeric channels, but instead forms heteromers with Grik2. In Grik2- but not Grik1-null mice, Grik5 surface expression is greatly reduced in neurons, indicating that Grik2/Grik5 heteromers are required for exit from the endoplasmic reticulum to the cell surface.
Product Categories/Family for anti-Grik5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	29029597
NCBI GeneID	2901
NCBI Accession #	NP_002079
NCBI GenBank Nucleotide #	NM_002088.4
Molecular Weight	109,658 Da
NCBI Official Full Name	glutamate receptor ionotropic, kainate 5 isoform 2
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, kainate 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grik5-antibody-immunohistochemistry-western-blot-elisa/307126>