

Goat GLuR5/GRIK1 Polyclonal Antibody | anti-GRIK1 antibody

Goat anti-GLuR5/GRIK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60891	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat	Western Blot, ELISA

PRODUCT SYNONYMS

GLuR5/GRIK1; Polyclonal Antibody; Goat anti-GLuR5/GRIK1 Antibody; GLUR5; GRIK1; glutamate receptor; ionotropic; kainate 1; EAA3; EEA3; GLR5; excitatory amino acid receptor 3; GLUR5 antibody; GRIK1 antibody; kainate 1 antibody; EAA3 antibody; EEA3 antibody; GLR5 antibody; excitatory amino acid receptor 3 antibody; GLuR5 / GRIK1; anti-GRIK1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QCKQTHPTNS TS
Sequence Length	918
Applicable Applications for anti-GRIK1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence QCKQTHPTNSTS, from the internal region (near the C Terminus) of the protein sequence according to NP_000821.1; NP_783300.1.
Epitope	Internal region (near the C Terminus)
Note	This antibody is expected to recognise both reported isoforms according to NP_000821.1 and NP_783300.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

1ug/ml staining of Human Brain (Cerebellum) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504117
NCBI GeneID	2897

NCBI Accession #	NP_000821.1 ; NP_783300.1
NCBI GenBank Nucleotide #	NM_000830.4
Molecular Weight	102,631 Da
NCBI Official Full Name	glutamate receptor ionotropic, kainate 1 isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor kainate type subunit 1
NCBI Official Symbol	GRIK1
NCBI Official Synonym Symbols	EAA3; EEA3; GLR5; GLUR5; GluK1; gluR-5
NCBI Protein Information	glutamate receptor ionotropic, kainate 1
UniProt Protein Name	Glutamate receptor ionotropic, kainate 1
UniProt Gene Name	GRIK1
UniProt Synonym Gene Names	GLUR5; GluK1; EAA3; GluR-5; GluR5
UniProt Entry Name	GRIK1_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/glur5-grik1-antibody-western-blot-peptide-elisa-elisa/60891>