

Rabbit GRIK2 Polyclonal Antibody | anti-GRIK2 antibody

GRIK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168196	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

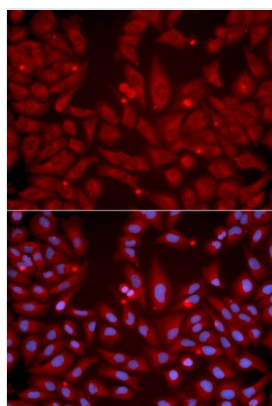
PRODUCT SYNONYMS

GRIK2; Polyclonal Antibody; GRIK2 Antibody; EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2; anti-GRIK2 antibody

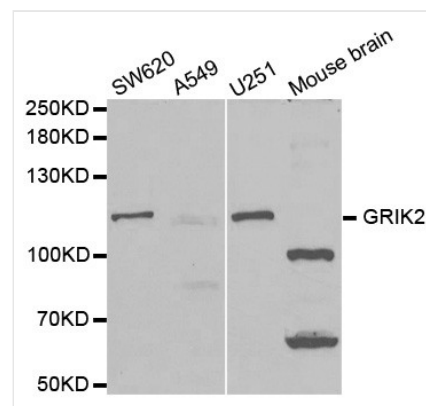
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	892
Applicable Applications for anti-GRIK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GRIK2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26476 / sc-26478 / sc-7618
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using GRIK2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GRIK2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GRIK2 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. The subunit encoded by this gene is subject to RNA editing at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive mental retardation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261278362
NCBI GeneID	2898
NCBI Accession #	NP_001159719.1
NCBI GenBank Nucleotide #	NM_001166247.1
Molecular Weight	77,112 Da
NCBI Official Full Name	glutamate receptor ionotropic, kainate 2 isoform 3
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, kainate 2
NCBI Official Symbol	GRIK2
NCBI Official Synonym Symbols	EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2
NCBI Protein Information	glutamate receptor ionotropic, kainate 2; bA487F5.1; excitatory amino acid receptor 4; gluR-6; glutamate receptor 6; glutamate receptor form A; glutamate receptor form B; glutamate receptor form C; glutamate receptor form D; glutamate receptor form E
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-immunofluorescence-immunohistochemistry-western-blot-elisa/168196>