

Rabbit anti-Human, Mouse GRIK2 Polyclonal Antibody | anti-GRIK2 antibody

GRIK2 Antibody

CATALOG # AAA304113	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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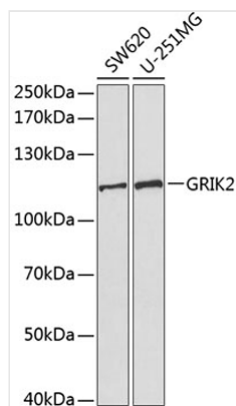
PRODUCT SYNONYMS

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

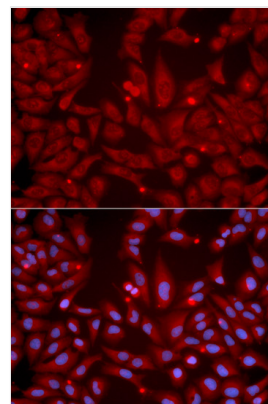
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GRIK2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	892
Applicable Applications for anti-GRIK2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GRIK2.
Target Name	GRIK2
Preparation and Storage	Store at -20 degree C

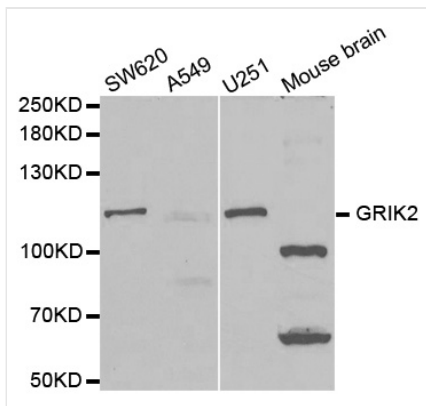
IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GRIK2 at 1:1000 dilution.


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.
Product Categories/Family for anti-GRIK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	261278362
NCBI GeneID	2898
NCBI Accession #	NP_001159719.1
NCBI GenBank Nucleotide #	NM_001166247.1
UniProt Accession #	Q13002; Q8WWS1; Q96KS6; Q96KS7; Q96KS8; A6NMY9; B5MCV0; D7RWZ3; D7RWZ4; D7RWZ5; D7RWZ6; D7RWZ7
Molecular Weight	SDS-PAGE MW: 103KD
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
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.

