

Rabbit Glutamate Receptor, Ionotropic, Kainate 2 Polyclonal Antibody | anti-GRIK2 antibody

Glutamate Receptor, Ionotropic, Kainate 2 (GRIK2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144721	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; Kainate 2; Polyclonal Antibody; Kainate 2 (GRIK2) Polyclonal Antibody; EAA4; GLR6; GLUR6; GluK2; Excitatory amino acid receptor 4; Glutamate receptor 6; anti-GRIK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GRIK2. It has been selected for its ability to recognize GRIK2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	869
Applicable Applications for anti-GRIK2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	GRIK2 (Asn286~Pro561)
Quality Control	Content: The quality control contains recombinant GRIK2 (Asn286~Pro561) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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	77,112 Da
NCBI Official Full Name	glutamate receptor ionotropic, kainate 2 isoform 3
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

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.