

Product datasheet for **TA331454**

GRIK5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GRIK5 antibody: synthetic peptide directed towards the middle region of human GRIK5. Synthetic peptide located within the following region: EDGLYGAPPEPNGSWTGMVGEINRKADLAVAFAFTITAEREKVIDFSKPFM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	108 kDa
Gene Name:	glutamate ionotropic receptor kainate type subunit 5
Database Link:	NP_002079 Entrez Gene 2901 Human Q16478



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Background:

GRIK5 is a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. GRIK5 forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

EAA2; GluK5; GRIK2; KA2

Note:

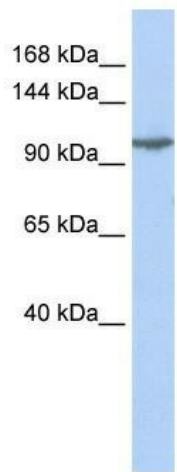
Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Families:

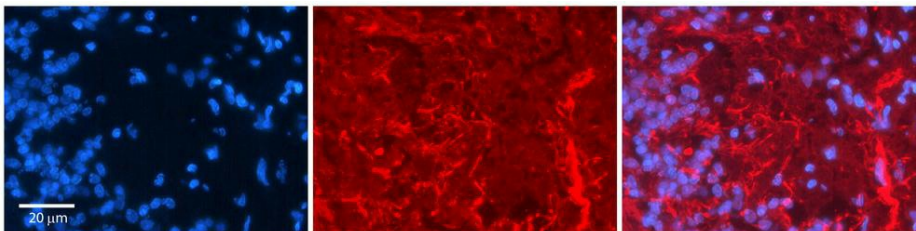
Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

Protein Pathways:

Neuroactive ligand-receptor interaction

Product images:


WB Suggested Anti-GRIK5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:2500; Positive Control: Jurkat cell lysate GRIK5 is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-GRIK5 Antibody; Catalog Number: ARP37674_P050; Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue; Observed Staining: Membrane in cell processes; Primary Antibody Concentration: 1:100; Other Working Concentrations: 1/600; Secondary A