

GRIK5 / KA2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2933a**Specification**

GRIK5 / KA2 Antibody (C-Term) - Product Information

Application	E
Primary Accession	Q16478
Other Accession	NP_002079.3 , 2901 , 24407 (rat)
Predicted	Human, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	109265

GRIK5 / KA2 Antibody (C-Term) - Additional Information**Gene ID** 2901**Other Names**

Glutamate receptor ionotropic, kainate 5, GluK5, Excitatory amino acid receptor 2, EAA2, Glutamate receptor KA-2, KA2, GRIK5, GRIK2

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GRIK5 / KA2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

GRIK5 / KA2 Antibody (C-Term) - Protein Information**Name** GRIK5**Synonyms** GRIK2**Function**

Ionotropic glutamate receptor that functions as a cation- permeable ligand-gated ion channel, gated by L-glutamate and the glutamatergic agonist kainic acid. Cannot form functional channels

on its own and produces channel activity only in heteromeric assembly with GRIK1 and GRIK2 subunits (PubMed:1321949, PubMed:14511640, PubMed:8730589). Can form functional heteromeric receptors with GRIK3 (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q61626}; Multi-pass membrane protein. Presynaptic cell membrane {ECO:0000250|UniProtKB:Q61626}; Multi-pass membrane protein. Note=Association with GRIK2 is required for its cell membrane localization and channel activity

GRIK5 / KA2 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GRIK5 / KA2 Antibody (C-Term) - Images

GRIK5 / KA2 Antibody (C-Term) - References

Human herpesvirus 6 (HHV-6) induces dysregulation of glutamate uptake and transporter expression in astrocytes. Fotheringham J, Williams EL, Akhyani N, Jacobson S. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology 2008 Jun 3 (2): 105-16. PMID: 18247129