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GRIK5 / KA2 Antibody (C-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS12402

Specification

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

Application	**IF, IHC**
Primary Accession	Q16478
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**109kDa KDa**

GRIK5 / KA2 Antibody (C-Terminus) - 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

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

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

GRIK5 / KA2 Antibody (C-Terminus) - Protein Information

Name GRIK5

Synonyms GRIK2

Function
Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. This receptor binds kainate > quisqualate > domoate > L-glutamate >> AMPA >> NMDA = 1S,3R- ACPD.

Cellular Location
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein

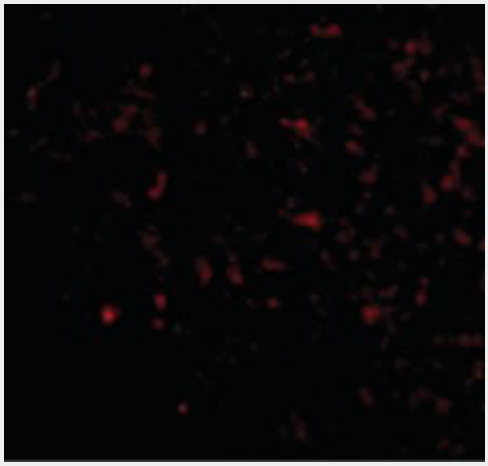
GRIK5 / KA2 Antibody (C-Terminus) - Protocols

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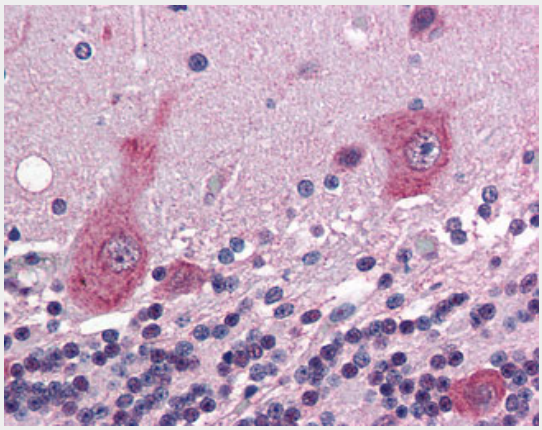
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GRIK5 / KA2 Antibody (C-Terminus) - Images



Immunofluorescence of Grik5 in Human Brain cells with Grik5 antibody at 20 ug/ml.



Anti-GRIK5 antibody IHC of human brain, cerebellum.

GRIK5 / KA2 Antibody (C-Terminus) - Background

Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. This receptor binds kainate > quisqualate > domoate > L- glutamate >> AMPA >> NMDA = 1S,3R-ACPD.

GRIK5 / KA2 Antibody (C-Terminus) - References

Kamboj R.K.,et al.Mol. Pharmacol. 42:10-15(1992).
Langer A.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.