10320 Camino Santa Fe, Suite G
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Anti-KA1 Rabbit Monoclonal Antibody
Catalog # ABO15546

Specification

Anti-KA1 Rabbit Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q16099
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-KA1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-KA1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 2900

Other Names
Glutamate receptor ionotropic, kainate 4, GluK4, Excitatory amino acid receptor 1, EAA1, Glutamate receptor KA-1, KA1, GRIK4, GRIK

Calculated MW
107 kDa KDa

Application Details
WB 1:500-1:1000

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human KA1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-KA1 Rabbit Monoclonal Antibody - Protein Information

Name GRIK4

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Synonyms GRIK

Function
Ionotropic glutamate receptor that functions as a cation- permeable ligand-gated ion channel. Cannot form functional channels on its own (PubMed:8263508). Shows channel activity only in heteromeric assembly with GRIK1, GRIK2 and GRIK3 subunits (By similarity).

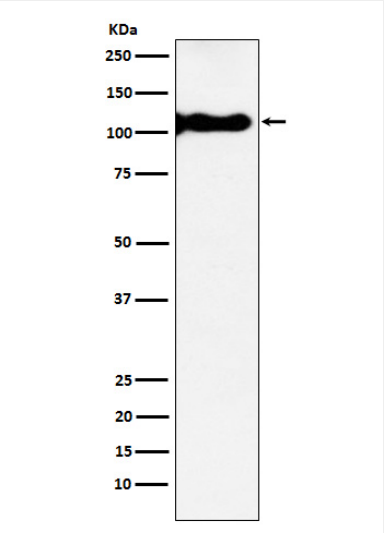
Cellular Location
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q8BMF5}; Multi-pass membrane protein. Presynaptic cell membrane {ECO:0000250|UniProtKB:Q8BMF5}; Multi-pass membrane protein

Anti-KA1 Rabbit Monoclonal Antibody - Protocols

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

Anti-KA1 Rabbit Monoclonal Antibody - Images



Western blot analysis of KA1 expression in Human hippocampus lysate.