antibodies.com

Datasheet for ABIN334410 anti-GRIK1 antibody (Internal Region)

2 Images



Overview

| Quantity: | 100 µg |
|----------------------|--|
| Target: | GRIK1 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This GRIK1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| Purpose: | GLuR5 / GRIK1 |
|-------------------|---|
| Immunogen: | Peptide with sequence QCKQTHPTNSTS, from the internal region (near the C Terminus) of the protein sequence according to NP_000821.1, NP_783300.1. |
| Sequence: | QCKQTHPTNS TS |
| lsotype: | lgG |
| Specificity: | This antibody is expected to recognise both reported isoforms according to NP_000821.1 and NP_783300.1. |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |

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Product Details

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|--------|----|---|----|--|
| G | ra | u | e. | |

Verified

Target Details

| Target: | GRIK1 | | |
|---------------------|--|--|--|
| Alternative Name: | GRIK1 (GRIK1 Products) | | |
| Background: | GLUR5, GRIK1, glutamate receptor, ionotropic, kainate 1, EAA3 , EEA3 , GLR5 , excitatory amino acid receptor 3 | | |
| Gene ID: | 2897, 14805, 29559 | | |
| NCBI Accession: | NP_000821, NP_783300 | | |
| Pathways: | Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity | | |
| Application Details | | | |
| Application Notes: | Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75 µg/mL. Western Blot: Approx 150 kDa band observed in Human Brain (Cerebellum and Cerebral Cortex lysates (calculated MW of 104 kDa according to NP_000821.1). The observed molecular weigh corresponds to earlier findings in literature with different antibodies (Peptide ELISA: antibody detection limit dilution 1:8000. | | |
| Restrictions: | For Research Use only | | |
| Handling | | | |
| Format: | Liquid | | |
| Concentration: | 0.5 mg/mL | | |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. | | |
| Preservative: | Sodium azide | | |

 Precaution of Use:
 This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

 Handling Advice:
 Minimize freezing and thawing.

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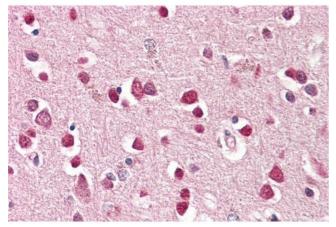
-20 °C

Storage:

Storage Comment:

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Immunohistochemistry

Image 1. ABIN334410 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Western Blotting

Image 2. ABIN334410 (1µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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