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EB09221 - Goat Anti-GRIK5 / KA2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GRIK5, glutamate receptor, ionotropic, kainate 5, EAA2, GRIK2, KA2, excitatory amino acid receptor 2, glutamate receptor KA2

Official Symbol: GRIK5

Accession Number(s): NP_002079.3

Human GenelD(s): 2901

Non-Human GenelD(s): 24407 (rat)

Immunogen

Peptide with sequence C-GPAGPRELAEHE, from the C Terminus of the protein sequence according to NP_002079.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

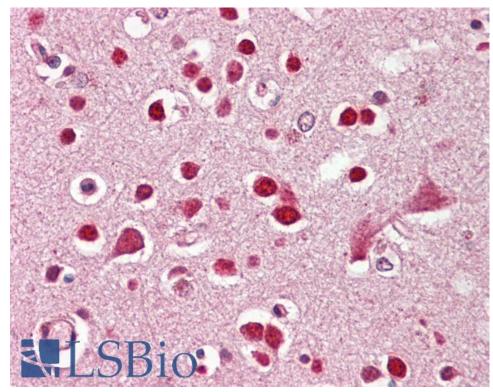
Western blot: Preliminary experiments gave an approx. 26kDa band in Human Brain (Frontal Cortex and Hippocampus) lysates after 1µg/ml antibody staining. Please note that currently we can not find an explanation in the literature for the band we observe given the calculated size of 109kDa according to NP_002079.3. The 26kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Cow



EB09221 (3.75 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.