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**Research Use Only. Not for
diagnostic or therapeutic use.**

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 GeneID(s): [2901](#)

Non-Human GeneID(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.

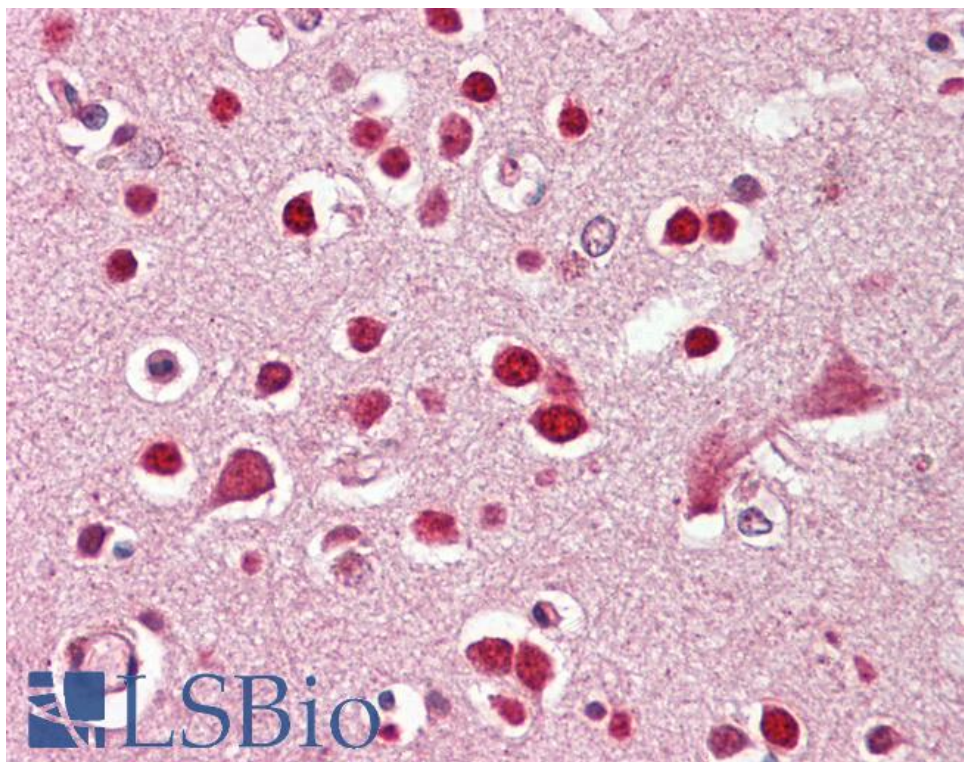
Western blot: Preliminary experiments gave an approx. 26kDa band in Human Brain (Frontal Cortex and Hippocampus) lysates after 1µg/ml antibody staining. Please note that currently we can not find an explanation in the literature for the band we observe given the calculated size of 109kDa according to 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 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.