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Research Use Only. Not for diagnostic or therapeutic use.

EB10937 - Goat Anti-AMPA1 / GLUR1 (aa264-277) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GRIA1, glutamate receptor, ionotropic, AMPA 1, GLUH1, GLUR1, GLURA, GluA1, HBGR1, MGC133252, AMPA 1, gluR-1, gluR-A, gluR-K1, glutamate receptor 1

Official Symbol: GRIA1

Accession Number(s): NP_000818.2; NP_001107655.1

Human GenelD(s): 2890

Non-Human GenelD(s): 14799 (mouse), 50592 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_000818.2; NP_001107655.1).

Immunogen

Peptide with sequence C-KIMQQWKNSDARD, from the internal region of the protein sequence according to NP_000818.2; NP_001107655.1.

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 1:16000.

Western blot: Approx 100kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 102kDa according to NP_000818.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

20kDa

25kDa

15kDa

EB10937 (0.1 μ g/ml) staining of Human Cerebellum lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.