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

EB08518-B - Goat Anti-GRIA4, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GRIA4, glutamate receptor, ionotropic, AMPA 4, GLUR4, GLUR4C, GLURD, AMPA-selective glutamate receptor 4

Official Symbol: GRIA4

Accession Number(s): NP_000820.3; NP_001070711.1; NP_001070712.1

Human GeneID(s): [2893](#)

Non-Human GeneID(s): 14802 (mouse), 29629 (rat)

Immunogen

Peptide with sequence CKKLDQREYPGSETP., from the internal region of the protein sequence according to NP_000820.3; NP_001070711.1; NP_001070712.1.

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 1:128000.

Western blot: Approx. 90kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 99.2kDa according to NP_001070711.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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



Biotinylated EB08518 (0.3ug/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.