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

EB09243 - Goat Anti-GRM7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GRM7, glutamate receptor, metabotropic 7, FLJ40498, GLUR7, GPRC1G, MGLUR7, mGlu7

Official Symbol: GRM7

Accession Number(s): NP_000835.1; NP_870989.1

Human GeneID(s): [2917](#)

Non-Human GeneID(s): 108073 (mouse), 81672 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_000835.1; NP_870989.1).

Immunogen

Peptide with sequence NCKLTISGSKKEDT , from the internal region of the protein sequence according to NP_000835.1; NP_870989.1.

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 1:32000.

Western blot: Approx. 100kDa band observed in Human Brain (Cerebellum) and in Mouse and Rat Brain lysates (calculated MW of 102kDa according to NP_000835.1). Recommended concentration 0.5-2µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB09243 (0.5 μ g/ml) staining of Human Cerebellum lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.