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