

## UK Office

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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.