



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106
Ramona,
CA 92065
USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

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