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EB08644 - Goat Anti-Ramp1 (C-Term., mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Ramp1, receptor (calcitonin) activity modifying protein 1, 9130218E19Rik, MGC38240, receptor-activity modifying protein 1 Official Symbol: Ramp1 Accession Number(s): NP_058590.1; NP_848488.2 Human GenelD(s): 10267 Non-Human GenelD(s): 51801 (mouse), 58965 (rat) Important Comments: This antibody is expected to recognize isoform 1 (NP_058590.1) only.

Immunogen

Peptide with sequence C-DYQSKRTEGIV, from the C Terminus of the protein sequence according to NP_058590.1; NP_848488.2.

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.

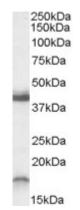
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Experiments gave bands at approx. 18kDa and 40kDa in Rat Brain lysate after 0.3µg/ml antibody staining. The appearance of a band with much higher molecular weight corresponds to earlier findings in literature with different antibodies (Hilairet, J Biol Chem. 2001 Nov 9;276(45):42182-90.; PMID: 11535606). This protein has a calculated MW of 16.9kDa according to Mouse NP_058590.1 and 16.8kDa according to Rat NP_113833.1. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

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



EB08644 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.