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

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 GeneID(s): [10267](#)

Non-Human GeneID(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 (Hilairt, 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 (0.3 μ g/ml) staining of Rat Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.