

## UK Office

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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 (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.