



## International Office

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

## EB07846 - Goat Anti-Ramp1 (mouse) (aa57-68) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Ramp1, receptor (G protein-coupled) activity modifying protein 1, calcitonin receptor-like receptor activity modifying protein 1, receptor (calcitonin) activity modifying protein 1, receptor activity modifying protein 1, receptor activity-modifying protein

**Official Symbol:** RAMP1

**Accession Number(s):** NP\_058590.1; NP\_113833.1

**Non-Human GeneID(s):** 51801 (mouse), 58965 (rat)

### Immunogen

Peptide with sequence CDWGKTIQSYGE, from the internal region of the protein sequence according to NP\_058590.1; NP\_113833.1.

### 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:** Western Blot: Preliminary experiments gave an approx 37kDa band in Rat Brain, Pancreas and Uterus lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 16.8kDa according to NP\_113833.1. The 37kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse, Rat