

## Product datasheet for **TA305755**

### **RAMP1 Goat Polyclonal Antibody**

#### **Product data:**

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | WB  |
| Recommended Dilution: | WB: 0.3ug/ml.   |
| Reactivity:           | Rat (Expected from sequence similarity: Human, Mouse)   |
| Host:                 | Goat  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Peptide with sequence C-DYQSKRTEGIV, from the C-Terminus of the protein sequence according to NP_058590.1; NP_848488.2.   |
| Formulation:          | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin  |
| Purification:         | 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 -20C. Minimize freezing and thawing. |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | receptor activity modifying protein 1   |
| Database Link:        | <a href="#">NP_005846</a><br><a href="#">Entrez Gene 51801 Mouse</a> <a href="#">Entrez Gene 58965 Rat</a> <a href="#">Entrez Gene 10267 Human</a><br><a href="#">O60894</a>  |

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**Background:**

The protein encoded by this gene is a member of the RAMP family of single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs are type I transmembrane proteins with an extracellular N terminus and a cytoplasmic C terminus. RAMPs are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR, a receptor with seven transmembrane domains, can function as either a calcitonin-gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. In the presence of this (RAMP1) protein, CRLR functions as a CGRP receptor. The RAMP1 protein is involved in the terminal glycosylation, maturation, and presentation of the CGRP receptor to the cell surface. [provided by RefSeq]

**Synonyms:**

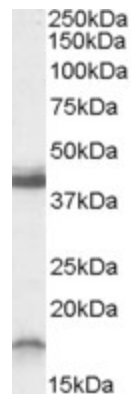
receptor (calcitonin) activity modifying protein 1; receptor (G protein-coupled) activity modifying protein 1; receptor-activity modifying protein 1

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Vascular smooth muscle contraction

**Product images:**


TA305755 (0.3ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.