

## Product datasheet for **TA321729S**

### **RAMP2 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: 231 cells
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 71-84 amino acids of Human receptor (G protein-coupled) activity modifying protein 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	receptor activity modifying protein 2
Database Link:	<a href="#">NP_005845</a> <a href="#">Entrez Gene 10266 Human</a> <a href="#">O60895</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 (RAMP2) protein; CRLR functions as an adrenomedullin receptor. The RAMP2 protein is involved in core glycosylation and transportation of adrenomedullin receptor to the cell surface.

**Synonyms:**

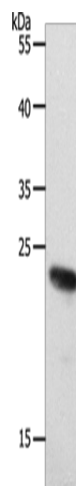
RAMP2

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Vascular smooth muscle contraction

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane: 231 cells

Primary antibody: [TA321729] (RAMP2 Antibody)  
at dilution 1/650Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution

Exposure time: 5 minutes