

## Product datasheet for **AP53574PU-N**

### **RAMP3 (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Immunized with a KLH conjugated synthetic peptide between 90-118 amino acids from the C-terminal region of human RAMP3
Specificity:	This antibody recognizes Human and Mouse RAMP3 (C-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	receptor (G protein-coupled) activity modifying protein 3
Database Link:	<a href="#">Entrez Gene 56089 Mouse</a> <a href="#">Entrez Gene 10268 Human</a> <a href="#">O60896</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 (RAMP3) protein, CRLR functions as an adrenomedullin receptor.

**Synonyms:**

CRLR activity-modifying protein 3

**Note:**

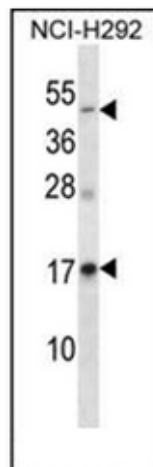
**Molecular Weight:** 16518 Da

**Protein Families:**

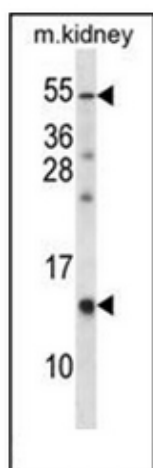
Druggable Genome, Transmembrane

**Protein Pathways:**

Vascular smooth muscle contraction

**Product images:**

Western blot analysis of RAMP3 Antibody Cat.-AP53574PU-N in NCI-H292 cell line lysates (35ug/lane). This demonstrates the RAMP3 antibody detected the RAMP3 protein (arrow).



Western blot analysis of RAMP3 Antibody Cat.-AP53574PU-N in Mouse kidney tissue lysates (35ug/lane). This demonstrates the RAMP3 antibody detected the RAMP3 protein (arrow).