

# RAMP1 Rabbit pAb

Catalog # AP53570

## Product Information

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|-------------------|------------------------|
| Primary Accession | <a href="#">O60894</a> |
| Host              | Rabbit                 |
| Clonality         | Polyclonal Antibody    |
| Calculated MW     | 16988                  |

## Additional Information

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|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID     | 10267                                                                                                                                           |
| Other Names | Receptor activity-modifying protein 1, Calcitonin-receptor-like receptor activity-modifying protein 1, CRLR activity-modifying protein 1, RAMP1 |
| Storage     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                        |

## Protein Information

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| Name              | RAMP1 ( <a href="#">HGNC:9843</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Function          | Accessory protein that interacts with and modulates the function of G protein-coupled receptors including calcitonin gene- related peptide type 1 receptor (CALCRL) and calcitonin receptor (CALCR) (PubMed: <a href="#">33602864</a> , PubMed: <a href="#">9620797</a> , PubMed: <a href="#">35324283</a> , PubMed: <a href="#">38603770</a> ). Required for the transport of CALCRL to the plasma membrane (PubMed: <a href="#">9620797</a> ). Together with CALCRL, form the receptor complex for the calcitonin gene-related peptides CGRP1/CALCA and CGRP2/CALCB (PubMed: <a href="#">33602864</a> , PubMed: <a href="#">9620797</a> ). Together with CALCR, form the AMYR1 receptor complex for amylin/IAPP and CGRP1/CALCA (PubMed: <a href="#">35324283</a> , PubMed: <a href="#">38603770</a> ). |
| Cellular Location | Cell membrane; Single-pass type I membrane protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tissue Location   | Expressed in many tissues including the uterus, bladder, brain, pancreas and gastro-intestinal tract                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

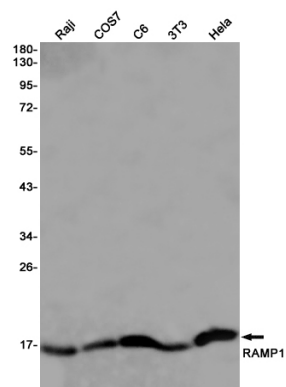
## Background

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Swiss-Prot Acc.O60894.Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. Acts as a receptor for calcitonin-gene-related peptide (CGRP) together with CALCRL.

## Images

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Western blot detection of RAMP1 in Raji, COS7, C6, 3T3, HeLa cell lysates using RAMP1 Rabbit pAb(1:1000 diluted). Predicted band size: 17KDa. Observed band size: 17KDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.