

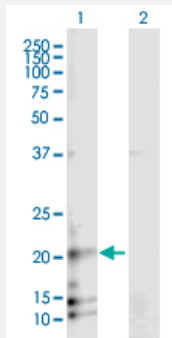
MaxPab®

# RAMP3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010268-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of RAMP3 expression in transfected 293T cell line ([H00010268-T01](#)) by RAMP3 MaxPab polyclonal antibody.

Lane 1: RAMP3 transfected lysate(16.50 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RAMP3 protein.
Immunogen	RAMP3 (NP_005847.1, 1 a.a. ~ 148 a.a) full-length human protein.
Sequence	METGALRRPQLPLLLLLCGGCPRAGGCNETGMLERLPLCGKAFADMMGKVDVWKWCNLSEFI VYESFTNCTEMEANVVGCYWPNPLAQGFITGIHRQFFSNCTVDRVHLEDPPDEVLIPLMIPVVLTV VAMAGLVVWRSKRTDTLL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

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[Protocol Download](#)

## Gene Info — RAMP3

Entrez GeneID [10268](#)

GeneBank Accession# [NM\\_005856](#)

Protein Accession# [NP\\_005847.1](#)

Gene Name RAMP3

Gene Alias -

Gene Description receptor (G protein-coupled) activity modifying protein 3

Omim ID [605155](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** calcitonin receptor-like receptor activity modifying protein 3|receptor (calcitonin) activity modifying protein 3|receptor activity modifying protein 3|receptor-activity-modifying protein 3

## Pathway

- [Vascular smooth muscle contraction](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)