

## RAMP3 Polyclonal Antibody

Catalog number: 11861-1-AP

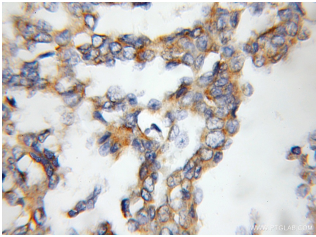
Size: 25 µg/150 µl

Source: Rabbit

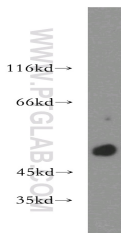
Isotype: IgG

Synonyms:

RAMP3; RAMP3



Immunohistochemical of paraffin-embedded human breast cancer using 11861-1-AP (RAMP3 antibody) at dilution of 1:50 (under 10x lens)



mouse heart tissue were subjected to SDS PAGE followed by western blot with 11861-1-AP (RAMP3 antibody) at dilution of 1:500

### Background

The receptor activity-modifying proteins (RAMPs) and the calcitonin receptor-like receptor (CRLR) are both required to generate adrenomedullin (AM) and calcitonin gene-related peptide (CGRP) receptors. During the process, RAMP3 transport the glycosylated 58-kD CGRPR to the cell surface. The formation of CRLR-RAMP heterodimer is essential for the proper cell surface targeting and pharmacological characteristics of both CGRP and AM receptors.

### Applications

<b>Tested applications:</b>	ELISA, WB, IHC
<b>Species specificity:</b>	Human, Mouse; other species not tested.
<b>Calculated RAMP3 MW:</b>	148aa, 16.5 kDa
<b>Observed RAMP3 MW:</b>	50 kDa
<b>Positive WB detected in</b>	Mouse heart tissue, A549 cells, human heart tissue, human kidney tissue, human placenta tissue, Jurkat cells, MCF7 cells, mouse brain tissue, mouse lung tissue, mouse pancreas tissue, mouse skeletal muscle tissue
<b>Positive IHC detected in</b>	Human breast cancer tissue
<b>Recommended dilution:</b>	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag2438
<b>GenBank accession number:</b>	BC022304
<b>Gene ID (NCBI):</b>	10268
<b>Full name:</b>	Receptor (G protein-coupled) activity modifying protein 3

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.