

Datasheet for ABIN954447
anti-RAMP3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	RAMP3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse RAMP3 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	RAMP3
Alternative Name:	RAMP3 (RAMP3 Products)
Background:	<p>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</p>

Target Details

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, Calcitonin-receptor-like receptor activity-modifying protein 3, Receptor activity-modifying protein 3

Molecular Weight: 16518 Da

Gene ID: 10268

NCBI Accession: [NP_005847](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

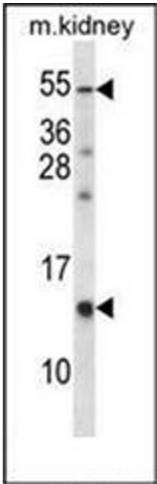
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

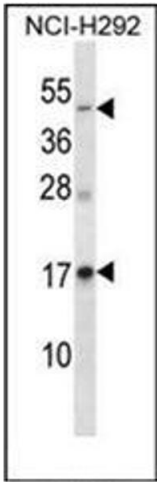
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of RAMP3 Antibody in Mouse kidney tissue lysates (35ug/lane). This demonstrates the RAMP3 antibody detected the RAMP3 protein (arrow).



Western Blotting

Image 2. Western blot analysis of RAMP3 Antibody in NCI-H292 cell line lysates (35ug/lane). This demonstrates the RAMP3 antibody detected the RAMP3 protein (arrow).