Datasheet for ABIN7130808

anti-RAMP1 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	RAMP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAMP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human RAMP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	RAMP1
Alternative Name:	RAMP1 (RAMP1 Products)
Background:	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

Target Details

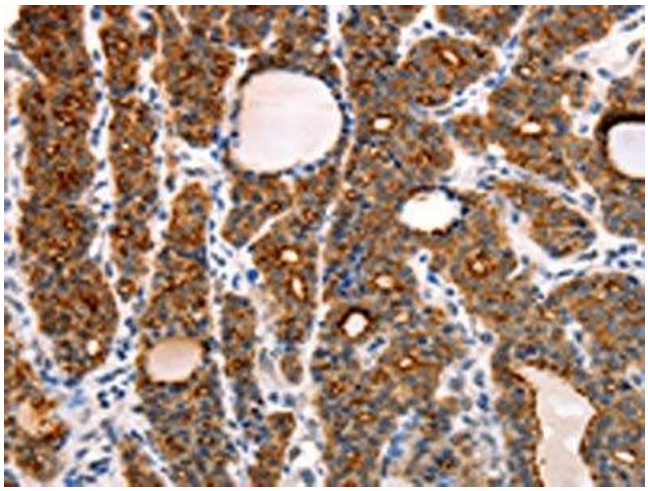
	(CRLR) to the plasma membrane. CRLR, a receptor with seven transmembrane domains, can function as either a calcitonin-gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. In the presence of this (RAMP1) protein, CRLR functions as a CGRP receptor. The RAMP1 protein is involved in the terminal glycosylation, maturation, and presentation of the CGRP receptor to the cell surface. Aliases: Calcitonin receptor like receptor activity modifying protein 1 antibody, Calcitonin-receptor-like receptor activity-modifying protein 1 antibody, CRLR activity modifying protein 1 antibody, CRLR activity-modifying protein 1 antibody, Ramp1 antibody, RAMP1_HUMAN antibody, receptor (calcitonin) activity modifying protein 1 antibody, Receptor (G protein coupled) activity modifying protein 1 antibody, Receptor activity modifying protein 1 [Precursor] antibody, Receptor activity-modifying protein 1 antibody
UniProt:	O60894
Pathways:	cAMP Metabolic Process, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:10-1:50,
Restrictions:	For Research Use only

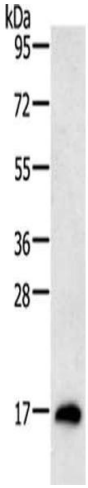
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7130808(RAMP1 Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 2. Gel: 12 % SDS-PAGE, Lysate: 40 µg, Lane: Mouse testis tissue, Primary antibody: ABIN7130808(RAMP1 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes