

RAMP1 antibody

Catalog No: #38925

Package Size: #38925-1 50ul #38925-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

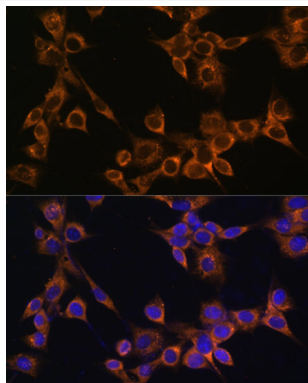
Product Name	RAMP1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total RAMP1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RAMP1.
Target Name	RAMP1
Accession No.	Swiss-Prot#: O60894NCBI Gene ID: 10267
Uniprot	O60894
GeneID	10267;
SDS-PAGE MW	16kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

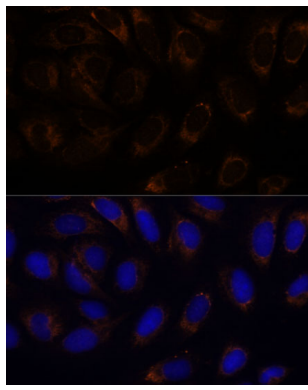
WB □ 1:500 - 1:2000

IF □ 1:50 - 1:200

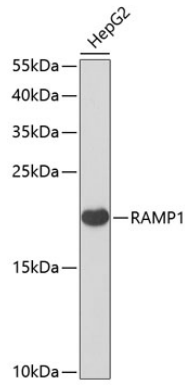
Images



Immunofluorescence analysis of NIH/3T3 cells using RAMP1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using RAMP1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of HepG2 cells, using RAMP1 at 1:1000 dilution.

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 (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.

Note: This product is for in vitro research use only