

ARG55647
anti-RAMP3 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RAMP3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RAMP3
Species	Human
Immunogen	Recombinant protein of Human RAMP3 (NP_005847.1)
Conjugation	Un-conjugated
Alternate Names	CRLR activity-modifying protein 3; Calcitonin-receptor-like receptor activity-modifying protein 3; Receptor activity-modifying protein 3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse skin	

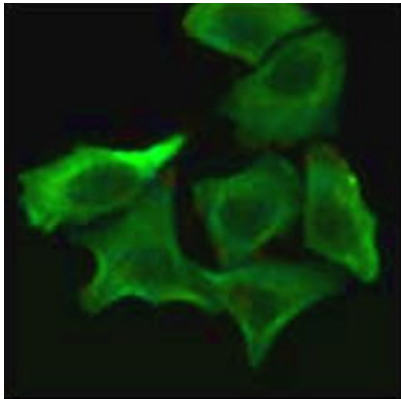
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

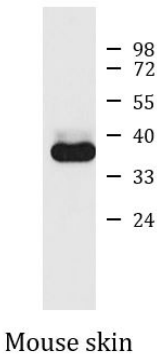
Gene Symbol	RAMP3
Gene Full Name	receptor (G protein-coupled) activity modifying protein 3
Background	The protein encoded by this gene is a member of the RAMP family of single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs are type I transmembrane 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 (RAMP3) protein, CRLR functions as an adrenomedullin receptor. [provided by RefSeq, Jul 2008]
Function	Plays a role in cardioprotection by reducing cardiac hypertrophy and perivascular fibrosis in a GPER1-dependent manner. Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) and GPER1 to the plasma membrane. Acts as a receptor for adrenomedullin (AM) together with CALCRL. [UniProt]
Calculated Mw	17 kDa

Images



ARG55647 anti-RAMP3 antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG55647 anti-RAMP3 antibody.



ARG55647 anti-RAMP3 antibody WB image

Western blot: Mouse skin lysate stained with ARG55647 anti-RAMP3 antibody.