

ARG64599 anti-RAMP1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RAMP1
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms
Tested Application	WB
Specificity	This antibody is expected to recognize isoform 1 (NP_058590.1) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RAMP1
Species	Mouse
Immunogen	C-DYQSKRTEGIV
Conjugation	Un-conjugated
Alternate Names	CRLR activity-modifying protein 1; Calcitonin-receptor-like receptor activity-modifying protein 1; Receptor activity-modifying protein 1

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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

Database links

[GeneID: 58965 Rat](#)

[Swiss-port # Q9JJ74 Rat](#)

Gene Symbol

Ramp1

Gene Full Name

receptor (calcitonin) activity modifying protein 1

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. [provided by RefSeq, Jul 2008]

Function

Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. Acts as a receptor for calcitonin-gene-related peptide (CGRP) together with CALCRL. [UniProt]

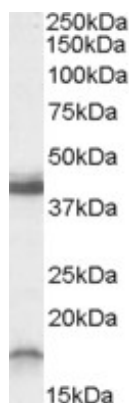
Research Area

Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

17 kDa

Images



ARG64599 anti-RAMP1 antibody WB image

Western blot: Rat Brain lysate (35 µg protein in RIPA buffer) stained with ARG64599 anti-RAMP1 antibody at 0.3 µg/ml dilution.