

## 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 antigen affinity chromatography.
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.

Bioinformation

Database links	<a href="#">GeneID: 58965 Rat</a> <a href="#">Swiss-port # Q9JJ74 Rat</a>
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.