RecomAb™

RAMP1 recombinant monoclonal antibody, clone R04-2I8

Catalog # RAB04830 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human RAMP1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human RAMP1.
Theoretical MW (kDa)	17
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RAMP1

Entrez GeneID	10267
Protein Accession#	O60894

Gene Name	RAMP1
Gene Alias	-
Gene Description	receptor (G protein-coupled) activity modifying protein 1
Omim ID	605153
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	calcitonin receptor-like receptor activity modifying protein 1|receptor (calcitonin) activity modifying protein 1|receptor activity modifying protein 1|receptor activity-modifying protein 1

Pathway

- Vascular smooth muscle contraction

Disease

- Cerebral Infarction
- Genetic Predisposition to Disease