



Rabbit Anti-RAMP2 antibody

SL11971R

Product Name:	RAMP2
Chinese Name:	受体活性修饰蛋白2抗体
Alias:	Calcitonin receptor like receptor activity modifying protein 2; CRLR activity modifying protein 2; OTTMUSP00000002615; OTTMUSP000000037624; Receptor (calcitonin) activity modifying protein 2; Receptor activity modifying protein 2; Receptor activity modifying protein 2 isoform; RP23-281C18.6; RAMP2_HUMAN.
文献引用 PubMed :	Specific References(1) SL11971R has been referenced in 1 publications. [IF=1.86]Qiao, Xi, et al. "Intermedin is upregulated and attenuates renal fibrosis by inhibition of oxidative stress in rats with unilateral ureteral obstruction."Nephrology (2015).WB;Rat. PubMed:26014968
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RAMP2:81-175/175<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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 (RAMP2) protein, CRLR functions as an adrenomedullin receptor. The RAMP2 protein is involved in core glycosylation and transportation of adrenomedullin receptor to the cell surface.</p> <p>Function: RAMP2 (Receptor activity-modifying protein 2) transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. RAMP2 acts as a receptor for adrenomedullin (AM) together with CALCRL. Co-expression of Receptor activity-modifying protein 2 (RAMP2) with the calcitonin-receptor-like-receptor (CRLR) results in the production of a functional adrenomedullin (ADM) receptor. RAMPs regulate the transport and ligand specificity of the calcitonin-receptor-like receptor. RAMP2 is a heterodimer of CALCRL and RAMP2. RAMP2 is strongly expressed in lung, breast, immune system and fetal tissues. RAMP2 belongs to the RAMP family.</p> <p>Subunit: Heterodimer of CALCRL and RAMP2</p> <p>Subcellular Location: Cell Membrane; Single-pass type I membrane protein</p> <p>Tissue Specificity: Strongly expressed in lung, breast, immune system and fetal tissues.</p> <p>Similarity: Belongs to the RAMP family.</p> <p>SWISS: O60895</p> <p>Gene ID: 10266</p> <p>Database links:</p>

[Entrez Gene: 10266](#)Human

[Omir: 605154](#)Human

[SwissProt: O60895](#)Human

[Unigene: 514193](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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