

Rabbit anti-Human, mouse RAMP3 Polyclonal Antibody | anti-RAMP3 antibody

RAMP3 Antibody (C-term)

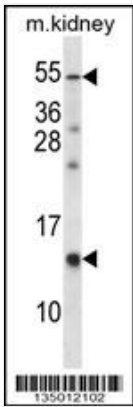
CATALOG # AAA288143	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

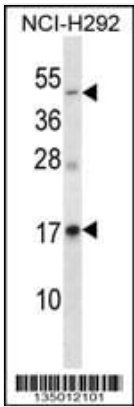
RAMP3; Polyclonal Antibody; RAMP3 Antibody (C-term); Receptor activity-modifying protein 3; Calcitonin-receptor-like receptor activity-modifying protein 3; CRLR activity-modifying protein 3; anti-RAMP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-118 amino acids from the C-terminal region of human RAMP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	90-118
Sequence Length	148
Applicable Applications for anti-RAMP3 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
RAMP3 Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the RAMP3 antibody detected the RAMP3 protein (arrow).



WB (Western Blot)
RAMP3 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the RAMP3 antibody detected the RAMP3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RAMP3 antibody	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.
Product Categories/Family for anti-RAMP3 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Bailey, R.J., et al. Peptides 31(4):579-584(2010) Harikumar, K.G., et al. Biochemistry 48(49):11773-11785(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Kuwasako, K., et al. Biochem. Biophys. Res. Commun. 377(1):109-113(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032023
NCBI GeneID	10268
NCBI Accession #	NP_005847.1
NCBI GenBank Nucleotide #	NM_005856.2
UniProt Accession #	O60896; Q7Z2Y1
Molecular Weight	16518
NCBI Official Full Name	receptor activity-modifying protein 3
NCBI Official Synonym Full Names	receptor (G protein-coupled) activity modifying protein 3
NCBI Official Symbol	RAMP3
NCBI Protein Information	receptor activity-modifying protein 3

UniProt Protein Name	Receptor activity-modifying protein 3
UniProt Gene Name	RAMP3
UniProt Synonym Gene Names	CRLR activity-modifying protein 3
UniProt Entry Name	RAMP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ramp3-antibody-western-blot-elisa/288143>