

Anti-RAMP3 Antibody

Rabbit polyclonal antibody to RAMP3

Catalog # AP61241

Product Information

Application	WB
Primary Accession	O60896
Other Accession	Q9WUP1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16518

Additional Information

Gene ID	10268
Other Names	Receptor activity-modifying protein 3; Calcitonin-receptor-like receptor activity-modifying protein 3; CRLR activity-modifying protein 3
Target/Specificity	Recognizes endogenous levels of RAMP3 protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	RAMP3 (HGNC:9845)
Function	Accessory protein that interacts with and modulates the function of G-protein coupled receptors including calcitonin gene- related peptide type 1 receptor (CALCRL), calcitonin receptor (CALCR) and G-protein coupled estrogen receptor 1 (GPER1) (PubMed: 23674134 , PubMed: 9620797). Required for the transport of CALCRL and GPER1 receptors to the plasma membrane (PubMed: 23674134 , PubMed: 9620797). Plays a role in cardioprotection by reducing cardiac hypertrophy and perivascular fibrosis in a GPER1-dependent manner (PubMed: 23674134). Together with CALCRL, form a receptor complex for adrenomedullin/ADM and intermedin/ADM2 (PubMed: 32296767). Together with CALCR, act as a receptor complex for amylin/IAPP (PubMed: 35324283).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Membrane; Single-pass type I membrane protein. Note=Moves from intracellular puncta to the

plasma membrane in a RAMP3-dependent manner

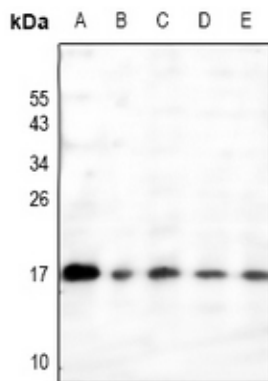
Tissue Location

Strongly expressed in lung, breast, immune system and fetal tissues.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAMP3. The exact sequence is proprietary.

Images



Western blot analysis of RAMP3 expression in H1792 (A), MCF7 (B), Myla2059 (C), 3T3L1 (D), PMVEC (E) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.