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RAMP3 Rabbit pAb

Catalog No.: A6715

Basic Information

Observed MW
40kDa

Calculated MW
17kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

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 (RAMP3) protein, CRLR functions as an adrenomedullin receptor.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:10 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
10268

Swiss Prot
O60896

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
RAMP3

Contact

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Product Information

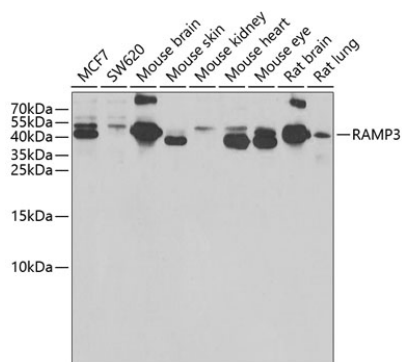**Source**
Rabbit

Isotype
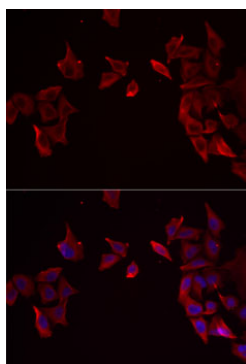IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using RAMP3 Rabbit pAb (A6715) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.

Immunofluorescence analysis of MCF7 cells using RAMP3 Rabbit pAb (A6715). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.