

For Research Use Only

RAMP3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87744-1-PBS



Basic Information

Catalog Number: 87744-1-PBS	GenBank Accession Number: NM_005856.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10268	CloneNo.: 253174D12
Isotype: IgG	UNIPROT ID: O60896	
Immunogen Catalog Number: EG5467	Full Name: receptor (G protein-coupled) activity modifying protein 3	
	Calculated MW: 17 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The receptor activity-modifying proteins (RAMPs) and the calcitonin receptor-like receptor (CRLR) are both required to generate adrenomedullin (AM) and calcitonin gene-related peptide (CGRP) receptors. During the process, RAMP3 transports the glycosylated CGRPR to the cell surface. The formation of CRLR-RAMP heterodimer is essential for the proper cell surface targeting and pharmacological characteristics of both CGRP and AM receptors. RAMP3 exists in different molecular weight forms: 19 kDa monomer, 35-40 kDa monomer heteroglycosylation, 50 kDa homodimer, and 73 kDa heterodimer (PMID: 19546305).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

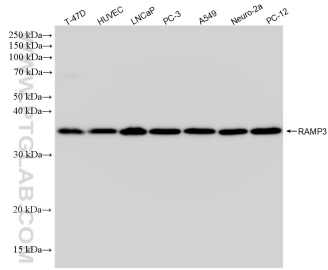
T: 4006900926

E: Proteintech-CN@ptglab.com

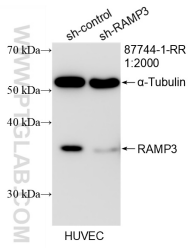
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87744-1-RR (RAMP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87744-1-PBS in a different storage buffer formulation.



WB result of RAMP3 antibody (87744-1-RR; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RAMP3 transfected HUVEC cells. This data was developed using the same antibody clone with 87744-1-PBS in a different storage buffer formulation.