À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RAMP1

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10327-1-AP 3 Publications

Informations de base

Numéro de catalogue:
10327-1-AP

Taille:
150ul , Concentration: 547 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0402

Numéro d'acquisition GenBank:
BC000548

Identification du gène (NCBI):
10267

Nom complet:
receptor (G protein-coupled) activity modifying protein 1

MW calculé
17 kDa

MW observés:
14 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Applications testées:
FC, IHC, WB,ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque humain,

IHC : tissu d'intestin grêle humain,

Informations générales

RAMP1 (receptor-activity-modifying protein) is a member of the RAMP family of single-transmembrane-domain proteins which consist of an N-terminal extracellular domain, a transmembrane region and a short intracellular C-terminal tail. RAMPs are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR, a G protein-coupled receptor, 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. RAMP1 transports the CRLR to the plasma membrane and then remains associated with it to function as a terminally glycosylated CGRP receptor, while RAMP2 and RAMP3 transfer the CRLR to the cell surface to generate receptors that are preferentially selective for adrenomedullin. RAMP1 can form a homodimer which migrates at 30 kDa on SDS-PAGE. (PMID: 9620797; 16188935; 12051717)

Publications notables

Autrice	Pubmed ID	Journal	Application
Ruimin Tian	35260079	J Headache Pain	IF
Dingding Liu	35350752	Front Pharmacol	WB,IHC
Vause Carrie V CV	20138125	Neurosci Lett	IF

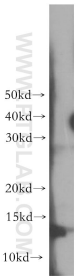
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

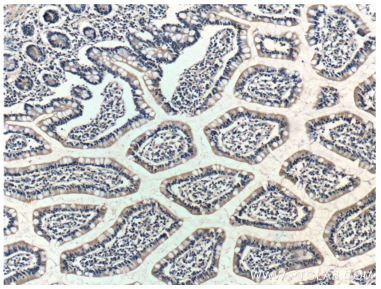
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

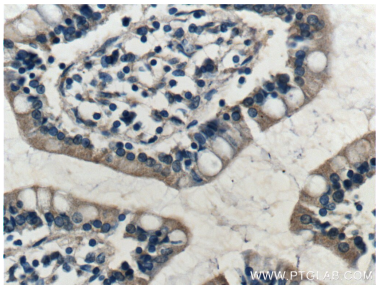
Données de validation sélectionnées



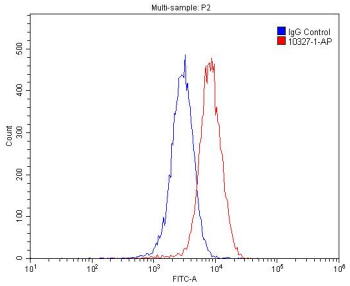
human heart tissue were subjected to SDS PAGE followed by western blot with 10327-1-AP (RAMP1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10327-1-AP (RAMP1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10327-1-AP (RAMP1 Antibody) at dilution of 1:200 (under 40x lens).



1X10^6 HepG2 cells were stained with .2ug RAMP1 antibody (10327-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.