À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Adrenomedullin

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:10778-1-AP 3 Publications

Informations de base

Numéro de catalogue:
10778-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop and 353 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1197

Numéro d'acquisition GenBank:
BC015961

Identification du gène (NCBI):
133

Nom complet:
adrenomedullin

MW calculé
20 kDa

MW observés:
6 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain

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 rénal humain, cellules A549, cellules Raji, tissu cérébral humain fœtal, tissu placentaire humain

IHC : tissu placentaire humain, tissu de cancer du pancréas humain, tissu rénal de souris, tissu rénal humain

IF : cellules A549,

Informations générales

Adrenomedullin (AM) and proadrenomedullin N-terminal 20 peptide (PAMP) are two small active hormones derived from the expression of a single gene (Adm) that is expressed throughout the GI tract, including the mucosal epithelium, glandular duct cells, neuroendocrine cells, and smooth muscle cells of the GI tract, between the oral cavity and the rectum (PMID:10782362, PMID:27345325). These two peptides coexist in GI cells, where they regulate many physiological functions including vasodilation, angiogenesis, anti-inflammation, organ protection, and tissue repair. AM suppresses inflammatory cytokine production in the intestinal mucosa, improves vascular and lymphatic function, mucosal epithelial repair, and intestinal barrier function in animal models with intestinal inflammation (PMID:27965594, PMID:29311984). Molecular mass species of 18, 14, and 6 kDa were identified in tumor cell lysates and presumably represent AM precursor, processed intermediates, and the authentic peptide, respectively. There is also a 22-kDa immunoreactive species in two cancer cell lines, H720 and MCF-7 (PMID: 8798536).

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhenwei Song	35805068	Cells	IF
Giulia Antoniali	35876890	Cell Mol Life Sci	IHC
Takeshi Sasaki	36479717	Prostate	WB

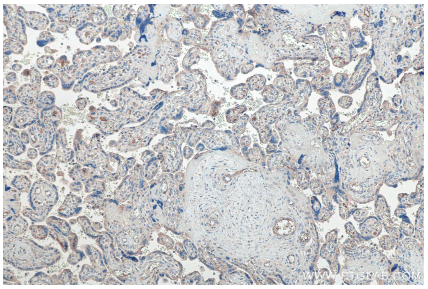
Stockage

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

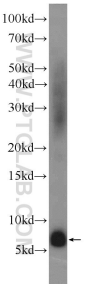
***** Les 20ul contiennent 0,1% de BSA.**

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

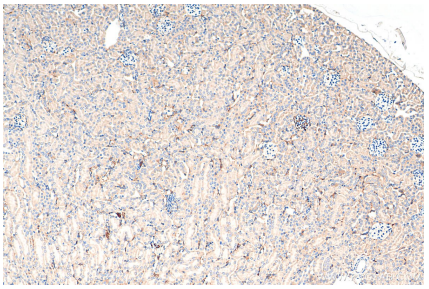
Données de validation sélectionnées



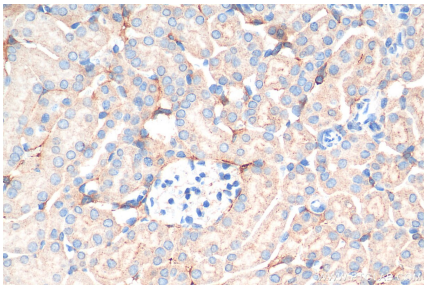
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10778-1-AP (Adrenomedullin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



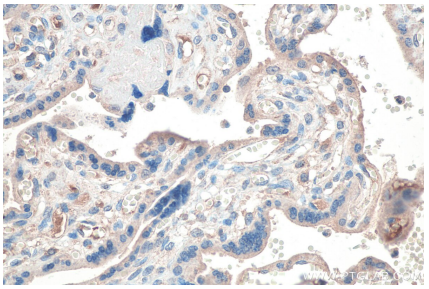
human kidney tissue were subjected to SDS PAGE followed by western blot with 10778-1-AP (Adrenomedullin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



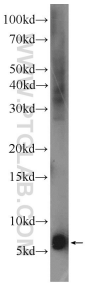
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 10778-1-AP (Adrenomedullin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 10778-1-AP (Adrenomedullin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

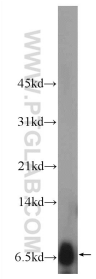


Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10778-1-AP (Adrenomedullin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

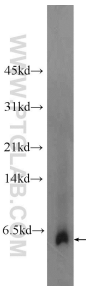


A549 cells were subjected to SDS PAGE followed by western blot with 10778-1-AP (Adrenomedullin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.

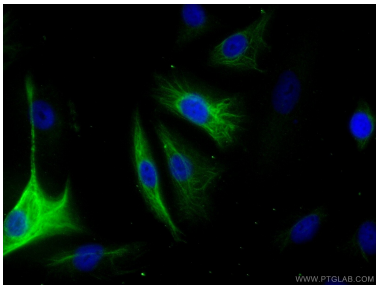
Raji cells were subjected to SDS PAGE followed by western blot with 10778-1-AP (Adrenomedullin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human placenta tissue were subjected to SDS PAGE followed by western blot with 10778-1-AP (Adrenomedullin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 10778-1-AP (Adrenomedullin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 10778-1-AP (Adrenomedullin antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).