À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Villin

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:16488-1-AP 8 Publications

Informations de base

Numéro de catalogue:
16488-1-AP

Taille:
150ul , Concentration: 700 μg/ml by Nanodrop and 333 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9610

Numéro d'acquisition GenBank:
BC017303

Identification du gène (NCBI):
7429

Nom complet:
villin 1

MW calculé
827aa,93 kDa; 826aa,93 kDa

MW observés:
93 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:50-1:8000
IF 1:20-1:200

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, porc, souris

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 de souris, tissu de côlon de souris, tissu hépatique de souris

IP : tissu rénal de souris,

IHC : tissu d'intestin grêle humain, tissu de cancer du côlon humain, tissu d'intestin grêle de souris

IF : cellules COLO 320,

Informations générales

Villin 1 (VIL1) is a 95-kd F-actin bundling and severing protein and its expression is restricted to epithelial cells with a brush border, like epithelial cells of the intestinal mucosa, gall bladder, renal proximal tubules and ductuli efferentes of the testis. VIL1 has been reported to be an epithelial cell-specific anti-apoptotic protein, and to have an important function in regulating actin dynamics, cell morphology, epithelial-to-mesenchymal transitions, cell migration and cell survival. In addition, VIL1 is a useful diagnostic marker for of various cancer, like cervical and endometrial adenocarcinomas, renal cell carcinoma. VIL1 was recently identified as a novel biomarker predictive for postoperative recurrence and poorer prognosis of high serum AFP associated HCC.

Publications notables

Autrice	Pubmed ID	Journal	Application
Qianjin Zhang	36436756	Cell Mol Gastroenterol Hepatol	IF
Zhixin Liu	33783986	Clin Transl Med	IF
Qi-Yue Yang	35696443	PLoS Pathog	IF

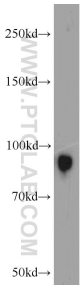
Stockage

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

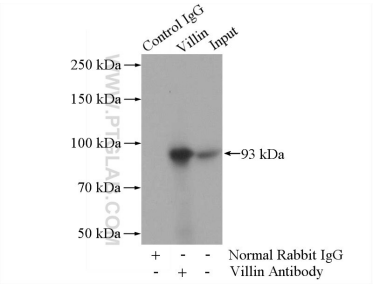
*** Les 20ul contiennent 0,1% de BSA.

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

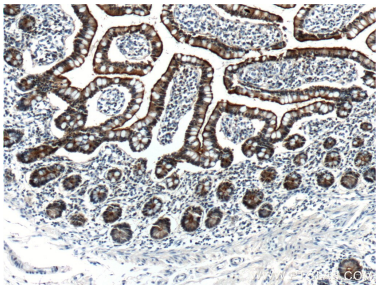
Données de validation sélectionnées



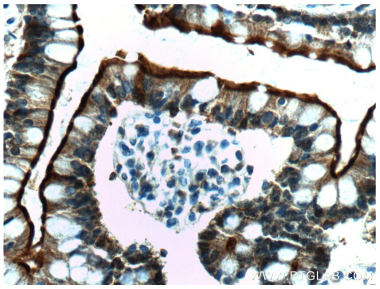
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 16488-1-AP (Villin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



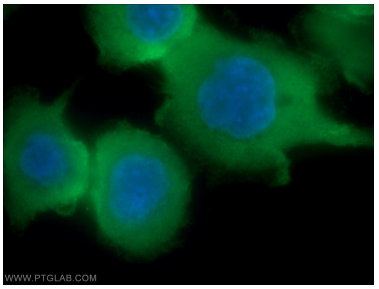
IP Result of anti-Villin (IP:16488-1-AP, 4ug; Detection:16488-1-AP 1:300) with mouse kidney tissue lysate 4000ug.



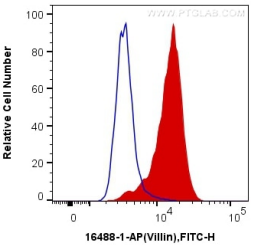
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 16488-1-AP (Villin antibody at dilution of 1:2000 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 16488-1-AP (Villin antibody at dilution of 1:2000 (under 40x lens).



Immunofluorescent analysis of COLO 320 cells using 16488-1-AP (Villin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10^6 HepG2 cells were intracellularly stained with 0.2 ug Anti-Human Villin (16488-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).