À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PARD6B

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:13996-1-AP 3 Publications

Informations de base

Numéro de catalogue:
13996-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop and 293 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5083

Numéro d'acquisition GenBank:
BC060847

Identification du gène (NCBI):
84612

Nom complet:
par-6 partitioning defective 6 homolog beta (C. elegans)

MW calculé
41 kDa

MW observés:
50-53 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
rat, 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 : cellules HeLa, cellules HEK-293, cellules PC-3, tissu placentaire humain

IP : cellules HEK-293,

IHC : tissu rénal de souris, tissu pancréatique humain

IF : cellules HepG2, cellules MCF-7

Informations générales

PARD6B (also named as PAR6B) is a member of the PAR6 family. PARD6B is known to play a key role in mammary epithelial cell biology. Several studies have been reported which indicate deregulated PARD6B signaling contributes to malignant epithelial cell phenotypes due predominantly to disrupted polymerization and maintenance of tight junctions (PMID: 22957302). The approximately 4.8-kb long PARD6B mRNA was predominantly detected in both adult and foetal kidneys, while much weaker but significant signals were observed in the placenta, lung and liver (PMID: 11260256). This antibody detects PARD6B with an apparent molecular weight of 50-53 kDa as has been demonstrated by several researches (PMID: 22496418; 25662318).

Publications notables

Autrice	Pubmed ID	Journal	Application
Haibin Tian	36185374	iScience	IF
Wen Yu Wong	31287841	PLoS One	WB
Xue Wang	31302435	Theriogenology	WB

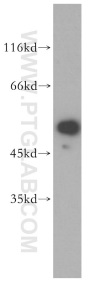
Stockage

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

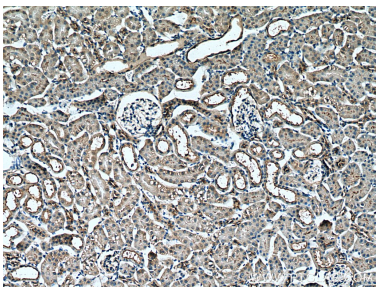
*** Les 20ul contiennent 0,1% de BSA.

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

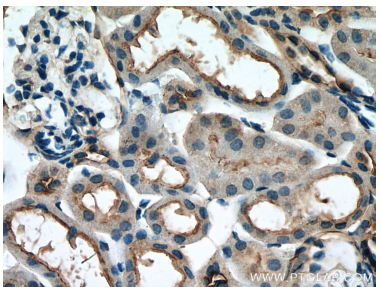
Données de validation sélectionnées



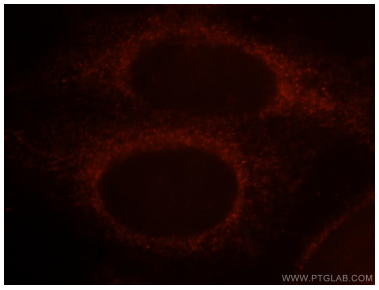
HeLa cells were subjected to SDS PAGE followed by western blot with 13996-1-AP (PARD6B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



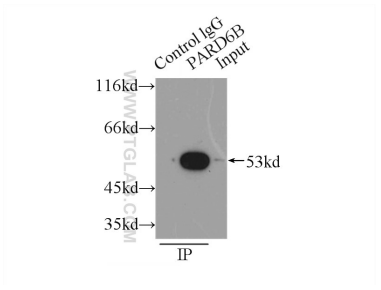
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13996-1-AP (PARD6B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



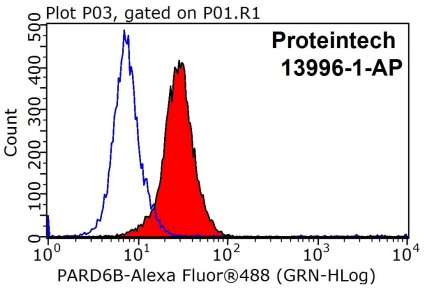
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13996-1-AP (PARD6B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using PARD6B antibody 13996-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-PARD6B (IP:13996-1-AP, 3ug; Detection:13996-1-AP 1:200) with HEK-293 cells lysate 6000ug.



1X10^6 HepG2 cells were stained with 0.2ug PARD6B antibody (13996-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.