

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Polycystin 2



Numéro de catalogue: 19126-1-AP

4 Publications

Informations de base

Numéro de catalogue:

19126-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_000297

Identification du gène (NCBI):

5311

Nom complet:

polycystic kidney disease 2 (autosomal dominant)

MW calculé

110 kDa

MW observés:

109 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

canin, Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu rénal de souris, cellules HEK-293, tissu rénal humain

IP : tissu testiculaire de souris,

IHC : tissu rénal 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.

Informations générales

Polycystin 2 (PKD2), the product of the gene mutated in type 2 autosomal dominant polycystic kidney disease, belongs to the polycystin family. PKD2 is a ~110-kDa six-transmembrane channel protein with cytoplasmic N- and C-termini. This protein functions as a Ca²⁺-activated intracellular Ca²⁺ release channel in the endoplasmic reticulum. It is also present in the plasma membrane, where it functions as a nonselective cation channel. In addition, PKD2 expression has been documented in the primary cilium of kidney epithelial cells, where it is believed to have an essential role in mediating Ca²⁺ entry in response to flow rate changes, suggesting that it may be part of a mechanosensing machinery residing in the primary cilium. (PMID: 16135816; 10497221)

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaomei Liu	29130966	Cell Physiol Biochem	WB
Jian-Gang Ren	28552828	Hum Pathol	IHC
Xin Hou	34307458	Front Mol Biosci	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.

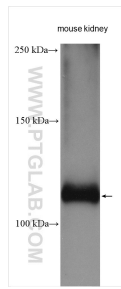
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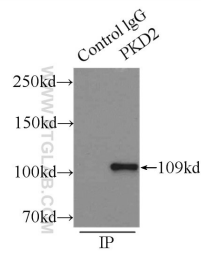
E: proteintech@ptglab.com
W: ptglab.com

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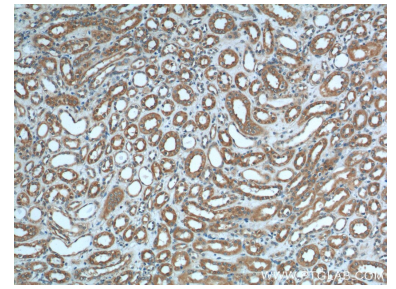
Données de validation sélectionnées



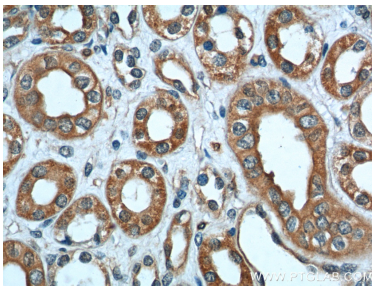
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 19126-1-AP (Polycystin 2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-Polycystin 2 (IP:19126-1-AP, 3ug; Detection:19126-1-AP 1:500) with mouse testis tissue lysate 8000ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 19126-1-AP (Polycystin 2 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 19126-1-AP (Polycystin 2 antibody at dilution of 1:200 (under 40x lens).