À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OCRL

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:17695-1-AP Phare 5 Publications

Informations de base

Numéro de catalogue:
17695-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop and 267 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG11900

Numéro d'acquisition GenBank:
BC094726

Identification du gène (NCBI):
4952

Nom complet:
oculocerebrorenal syndrome of Lowe

MW calculé
893 aa, 103 kDa

MW observés:
105 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 1:100-1:400

Applications

Applications testées:
IHC, IP, WB,ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, 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 SH-SY5Y, tissu cérébral de rat, tissu cérébral de souris

IP : cellules HeLa,

IHC : tissu rénal de souris,

Informations générales

OCRL is also named as INPP5F, OCRL1 and belongs to the 5-phosphatase gene family and that Lowe syndrome represents an inborn error of inositol phosphate metabolism(PMID: 9430698).The protein product of the gene that when mutated is responsible for Lowe syndrome, or oculocerebrorenal syndrome (OCRL), is an inositol polyphosphate 5-phosphatase.It may function in lysosomal membrane trafficking by regulating the specific pool of phosphatidylinositol 4,5-bisphosphate that is associated with lysosomes.It has 2 isoforms produced by alternative splicing.Defects in OCRL are the cause of Lowe oculocerebrorenal syndrome (OCRL) and Dent disease type 2 (DD2).This antibody is specific to OCRL.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nana Sakakibara	34586410	Nephrol Dial Transplant	WB
Yu Zhang	34488756	BMC Med Genomics	IHC
Hequn Liu	32393163	J Neurodev Disord	WB

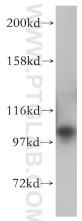
Stockage

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

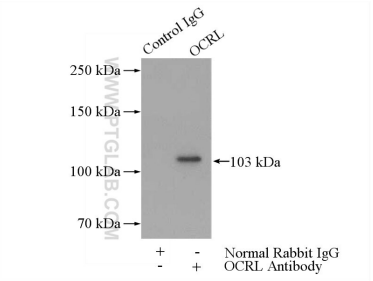
*** Les 20ul contiennent 0,1% de BSA.

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

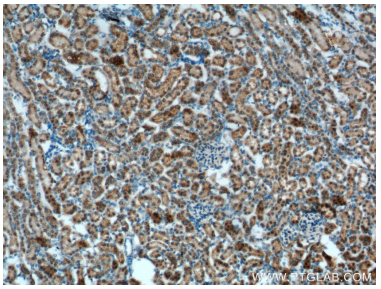
Données de validation sélectionnées



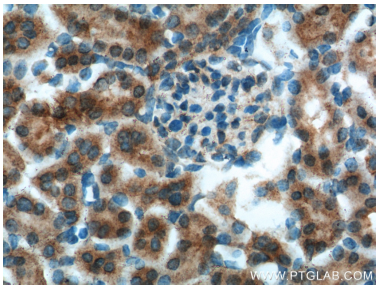
HeLa cells were subjected to SDS PAGE followed by western blot with 17695-1-AP (OCRL antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-OCRL (IP:17695-1-AP, 4ug; Detection:17695-1-AP 1:300) with HeLa cells lysate 1080ug.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17695-1-AP (OCRL 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 17695-1-AP (OCRL Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).