À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BBS3

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:12676-1-AP Phare 8 Publications

Informations de base

Numéro de catalogue:
12676-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop and 393 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3363

Numéro d'acquisition GenBank:
BC024239

Identification du gène (NCBI):
84100

Nom complet:
ADP-ribosylation factor-like 6

MW calculé
186 aa, 21 kDa

MW observés:
21 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 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

Applications testées:
IF, 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 : tissu cérébral de rat, cellules HEK-293T, tissu cérébral de souris, tissu cérébral humain

IP : tissu cérébral de rat,

IHC : tissu rénal humain,

IF : cellules hTERT-RPE1, cellules MDCK

Informations générales

ADP-ribosylation factor-like protein 6 (ARL6), belongs to a small GTPase superfamily, is involved in membrane protein trafficking at the base of the ciliary organelle. ARL6 is also named Bardet-Biedl syndrome 3 protein, because defects in ARL6 are a cause of Bardet-Biedl syndrome type 3 (BBS3), which is a genetically heterogeneous disorder characterized by usually severe pigmentary retinopathy, early onset obesity, polydactyly, hypogenitalism, renal malformation and mental retardation. ARL6 can interact with many ARL6 interacting proteins and form BBSome complex with other BBS proteins including BBS1, BBS2, BBS4 and so on.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ying Hsu	29049287	PLoS Genet	WB
Shichao Duan	33241915	EMBO J	WB,IF
Minati Singh	31072410	Mol Brain	WB

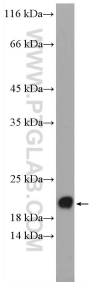
Stockage

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

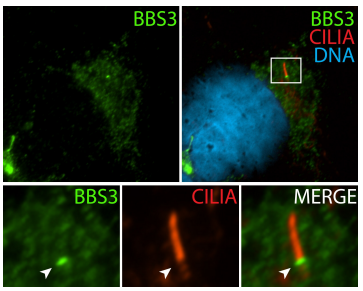
***** Les 20ul contiennent 0,1% de BSA.**

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

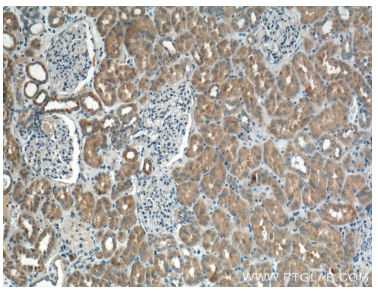
Données de validation sélectionnées



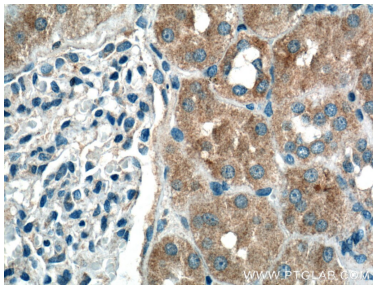
rat brain tissue were subjected to SDS PAGE followed by western blot with 12676-1-AP (BBS3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



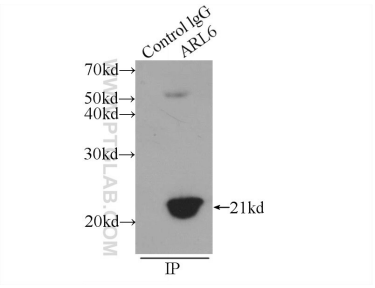
IF result (cytoplasm and the base of cilia stain) of anti-BBS3 (12676-1-AP; 1:50) with hTERT-RPE1 cell (MeOH fixed) by Dr. Moshe Kim.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12676-1-AP (BBS3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12676-1-AP (BBS3 Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-BBS3 (IP:12676-1-AP, 3ug; Detection:12676-1-AP 1:600) with rat brain tissue lysate 5200ug.