À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MKS1

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:16206-1-AP 26 Publications

Informations de base

Numéro de catalogue:
16206-1-AP

Taille:
150ul , Concentration: 650 μg/ml by Nanodrop and 267 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9177

Numéro d'acquisition GenBank:
BC010061

Identification du gène (NCBI):
54903

Nom complet:
Meckel syndrome, type 1

MW calculé
559 aa, 65 kDa

MW observés:
65-70 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 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

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

Demandes citées:
IF, 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 souris, cellules HEK-293, cellules HeLa, cellules SH-SY5Y, tissu utérin de souris

IP : cellules HEK-293,

IHC : tissu de cancer du foie humain,

IF : cellules hTERT-RPE1 et fibroblastes embryonnaires de souris,

Informations générales

MKS1 (Meckel syndrome type 1 protein) is a 559-amino acid protein that contains a conserved B9 domain. It is a component of a large protein complex which localizes to the ciliary transition zone and regulates mammalian ciliogenesis and ciliary membrane composition (PMID: 21725307). MKS1 is required for ciliary structure and function, and is involved in centrosome migration to the apical cell surface during early ciliogenesis (PMID: 17185389; 19515853). Broad tissue expression of the MKS1 gene has been reported (PMID: 16415886). Defects in MKS1 are the cause of Meckel syndrome type 1 (MKS1), an autosomal recessive lethal malformation syndrome characterized by renal cystic dysplasia, central nervous system malformations, and hepatic developmental defects (PMID: 16415886). In addition, defects in MKS1 are also the cause of Bardet-Biedl syndrome type 13 (BBS13) (PMID: 18327255).

Publications notables

Autrice	Pubmed ID	Journal	Application
T Tony Yang	26365165	Sci Rep	IF
Yunfan Yang	25342559	Cell Res	WB
Gisela G Slaats	26490104	J Med Genet	WB, IF

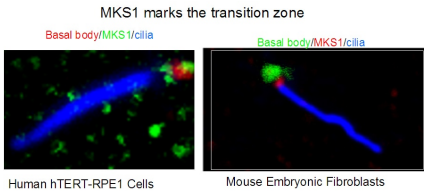
Stockage

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

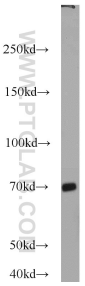
***** Les 20ul contiennent 0,1% de BSA.**

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

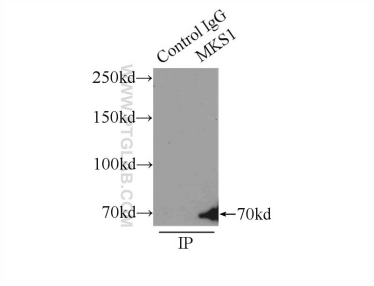
Données de validation sélectionnées



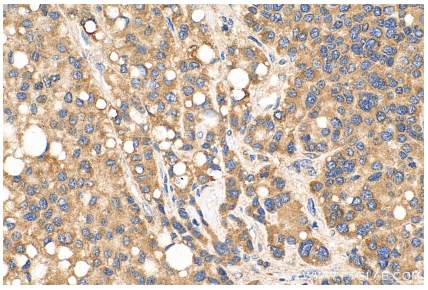
IF result from Dr. Corbit, Kevin. anti-MKS1 (16206-1-AP) marks the transition zone of Human hTERT-RPE1 cells and Mouse embryonic fibroblasts.



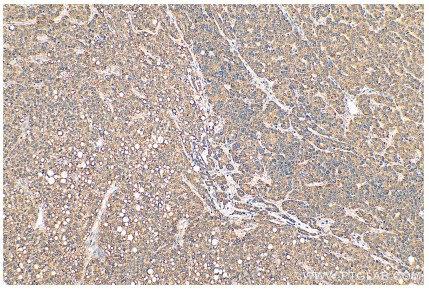
mouse brain tissue were subjected to SDS PAGE followed by western blot with 16206-1-AP (MKS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



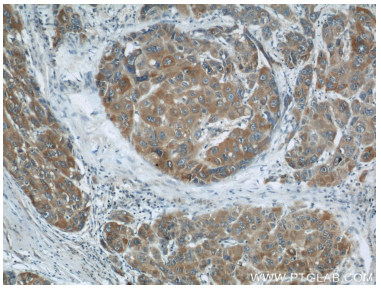
IP Result of anti-MKS1 (IP:16206-1-AP, 3ug; Detection:16206-1-AP 1:1000) with HEK-293 cells lysate 4500ug.



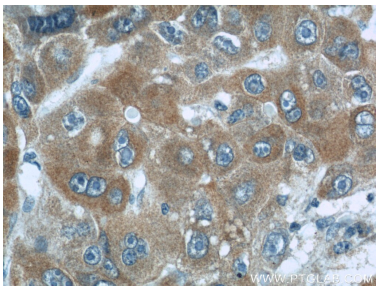
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16206-1-AP (MKS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16206-1-AP (MKS1 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 human liver cancer using 16206-1-AP (MKS1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 16206-1-AP (MKS1 antibody) at dilution of 1:50 (under 40x lens).