

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HPS4



Numéro de catalogue: 14627-1-AP

4 Publications

Informations de base

Numéro de catalogue:
14627-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6202

Numéro d'acquisition GenBank:
BC065030

Identification du gène (NCBI):
89781

Nom complet:
Hermansky-Pudlak syndrome 4

MW calculé
77 kDa

MW observés:
70-90 kDa

Méthode de purification:
Purification par affinité contre l'antigène

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

Applications

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

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules A375, cellules HeLa, cellules K-562

IP : cellules HeLa, résultat de l'IP de l'anti-HPS4 (14627-1-AP pour IP et détection) avec lysat de cellules HeLa

IHC : tissu hépatique humain,

IF : cellules HepG2,

Informations générales

Hermansky-Pudlak syndrome (HPS) is a genetic disease characterized by oculocutaneous albinism, bleeding due to platelet storage pool deficiency, and lysosomal storage defects. This syndrome results from defects of diverse cytoplasmic organelles including melanosomes, platelet dense granules and lysosomes. HPS1 and HPS4 are the most frequently mutated genes associated with HPS in humans. Both of HPS1 and HPS4 are components of two complexes involved in biogenesis of melanosome and lysosome-related organelles: BLOC-3 and BLOC-4. HPS4 is supposed to interact with HPS1 and stabilize HPS1. The human HPS4 migrates at about 90 kDa on SDS-PAGE, versus its predicated molecular mass of 77 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Seunghyi Kook	29190429	Am J Respir Cell Mol Biol	WB
Trieu-Duc Vu	35504437	Gene	WB
Joshi Stephen	28296950	PLoS One	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.

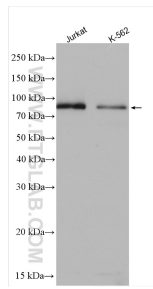
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

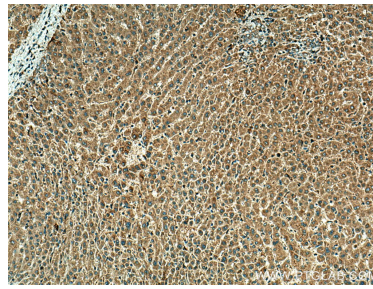
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

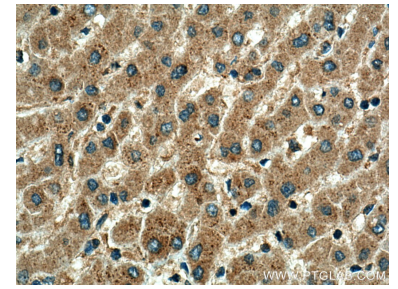
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 14627-1-AP (HPS4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.

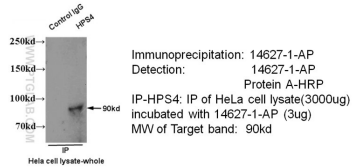


Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 14627-1-AP (HPS4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

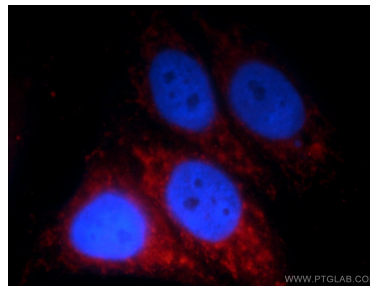


Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 14627-1-AP (HPS4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

IP & WB of 14627-1-AP with HeLa Cell



N/A.



Immunofluorescent analysis of HepG2 cells, using HPS4 antibody 14627-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).