

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-VPS41



Numéro de catalogue: 13869-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue: 13869-1-AP	Numéro d'acquisition GenBank: BC044851	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 450 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 27072	Dilutions recommandées: WB 1:500-1:1000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: vacuolar protein sorting 41 homolog (S. cerevisiae)	
Isotype: IgG	MW calculé: 854 aa, 98 kDa	
Immunogen Catalog Number: AG4760	MW observés: 94-100 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

CoIP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

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 RAW 264.7, cellules HepG2, tissu cérébral humain

IHC : tissu hépatique humain,

Informations générales

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. VPS41 (vacuolar protein sorting 41) is the human ortholog of yeast Vps41 protein. Yeast Vps41 is a subunit of AP3 (heterotetrameric adaptor protein complex 3) and HOPS (homotypic fusion and protein transport) complexes and is involved in trafficking of proteins from the late Golgi to the vacuole. In mammalian cells, Vps41 was found to be a member of HOPS complex, mediating the trafficking of proteins to lysosomes (PMID: 23173123). It has been reported that human VPS41 has a HOPS-independent function in the LAMP carrier pathway and also participates in lysosomal maturation, probably as part of the HOPS complex (PMID: 23322049).

Publications notables

Autrice	Pubmed ID	Journal	Application
Magdalena Banach-Orłowska	30333141	J Cell Sci	IF, WB
Rik van der Kant	26463206	J Biol Chem	WB
Guangyan Miao	33422265	Dev Cell	WB, CoIP, 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.

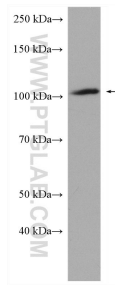
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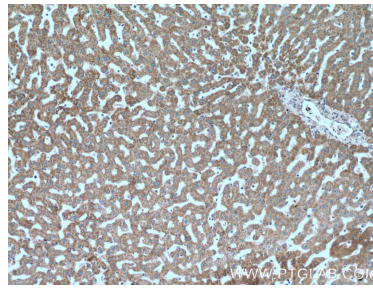
E: proteintech@ptglab.com
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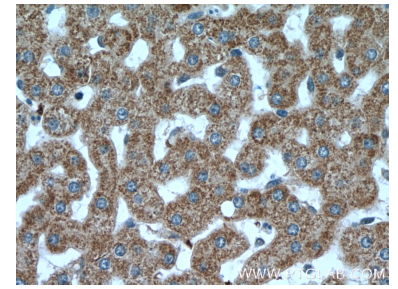
Données de validation sélectionnées



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 13869-1-AP (VPS41 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13869-1-AP (VPS41 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13869-1-AP (VPS41 Antibody) at dilution of 1:200 (under 40x lens).