

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-VPS11



Numéro de catalogue: 19140-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue:

19140-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6227

Numéro d'acquisition GenBank:

BC065563

Identification du gène (NCBI):

55823

Nom complet:

vacuolar protein sorting 11 homolog (S. cerevisiae)

MW calculé

108 kDa

MW observés:

108-112 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IP, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules K-562, tissu cardiaque humain, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain, tissu pancréatique de souris, tissu rénal humain

IP : cellules HEK-293,

IF : cellules HepG2,

Informations générales

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. In yeast, Vps proteins are involved in the trafficking of endocytic and biosynthetic proteins to the vacuole, which functionally resembles the lysosome of higher organisms. VPS11 is the human homolog of the yeast class C Vps11 protein, a subunit of HOPS (homotypic fusion and protein transport) complex. Mammalian Vps11 may play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.

Publications notables

Autrice	Pubmed ID	Journal	Application
Morag R Hunter	28931724	Biochem J	WB,IP
Magdalena Banach-Orłowska	30333141	J Cell Sci	IF,WB
Rik van der Kant	26463206	J Biol Chem	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.

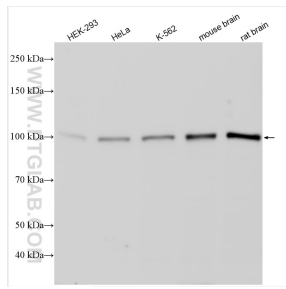
For technical support and original validation data for this product please contact:

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

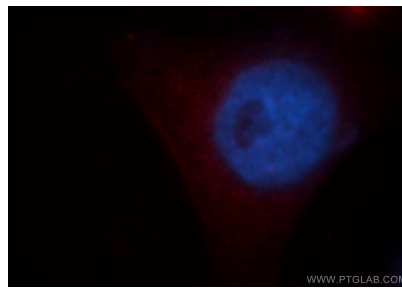
E: proteintech@ptglab.com
W: ptglab.com

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

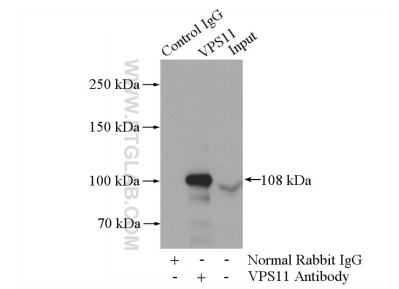
Données de validation sélectionnées



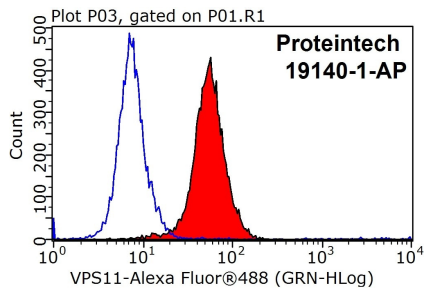
Various lysates were subjected to SDS PAGE followed by western blot with 19140-1-AP (VPS11 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using VPS11 antibody 19140-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-VPS11 (IP:19140-1-AP, 4ug; Detection:19140-1-AP 1:500) with HEK-293 cells lysate 1480ug.



1X10⁶ HepG2 cells were stained with 0.2ug VPS11 antibody (19140-1-AP, red) and control antibody (19140-1-AP, blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.