

VPS18 Polyclonal Antibody

Catalog number: 10901-1-AP

Size: 34 µg/150 µl

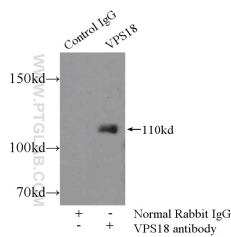
Source: Rabbit

Isotype: IgG

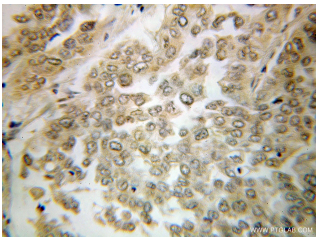
Synonyms:

VPS18; hVPS18, KIAA1475,

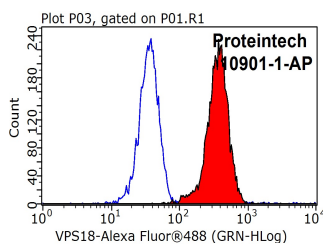
PEP3, VPS18



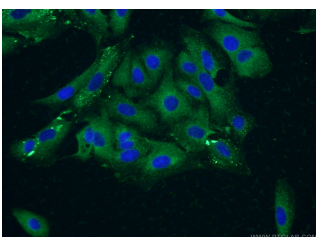
IP Result of anti-VPS18 (IP:10901-1-AP, 4µg; Detection:10901-1-AP 1:300) with HeLa cells lysate 920µg.



Immunohistochemical of paraffin-embedded human lung cancer using 10901-1-AP (VPS18 antibody) at dilution of 1:100 (under 10x lens)



1X10⁶ K-562 cells were stained with 0.2µg VPS18 antibody (10901-1-AP, red) and control antibody (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.



Immunofluorescent analysis of A549 cells using 10901-1-

Background

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Vps18 is a central member of Vps-C complex. Vps18 may play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.

Applications

Tested applications:	ELISA, IP, IHC, FC, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated VPS18 MW:	110 kDa
Observed VPS18 MW:	110 kDa
Positive IP detected in	HeLa cells
Positive IHC detected in	Human lung cancer tissue
Positive IF detected in	A549 cells
Positive FC detected in	K-562 cells
Recommended dilution:	IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:20-1:200 FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1140
GenBank accession number:	BC001513
Gene ID (NCBI):	57617
Full name:	Vacuolar protein sorting 18 homolog (S. cerevisiae)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**AP(VPS18 Antibody) at
dilution of 1:50 and Alexa
Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit
IgG(H+L)**