

For Research Use Only

# VPS18 Polyclonal antibody, PBS Only

Catalog Number:10901-1-PBS



## Basic Information

<b>Catalog Number:</b> 10901-1-PBS	<b>GenBank Accession Number:</b> BC001513	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 57617	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P253	
<b>Isotype:</b> IgG	<b>Full Name:</b> vacuolar protein sorting 18 homolog (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG1140	<b>Calculated MW:</b> 110 kDa	
	<b>Observed MW:</b> 100-110 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

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.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

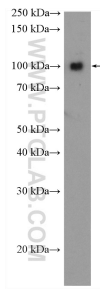
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

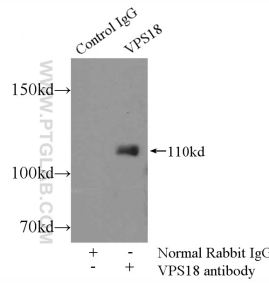
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data

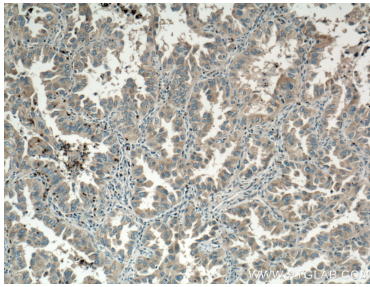


mouse brain tissue were subjected to SDS PAGE followed by western blot with 10901-1-AP (VPS18 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10901-1-PBS in a different storage buffer formulation.

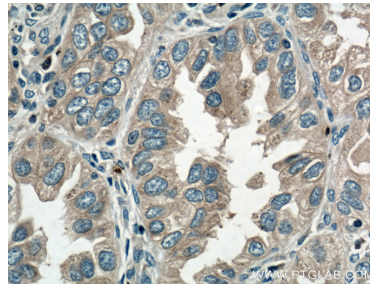


IP result of anti-VPS18 (IP:10901-1-AP, 4ug; Detection:10901-1-AP 1:300) with HeLa cells lysate 920ug. This data was developed using the same antibody clone with 10901-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using VPS18 antibody (10901-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 10901-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10901-1-AP (VPS18 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10901-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10901-1-AP (VPS18 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10901-1-PBS in a different storage buffer formulation.