

For Research Use Only

VPS26A Polyclonal antibody

Catalog Number: 12804-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

12804-1-AP

Concentration:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3391

GenBank Accession Number:

BC022505

GeneID (NCBI):

9559

UNIPROT ID:

O75436

Full Name:

vacuolar protein sorting 26 homolog
A (S. pombe)

Calculated MW:

38 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB: mouse kidney tissue, HEK-293 cells, rat kidney
tissue

IHC: human breast cancer tissue, human cervical
cancer tissue, human kidney tissue

IF/ICC: HeLa cells,

Background Information

In mammals, there are two paralogues of yeast Vps26, VPS26A and VPS26B (PMID: 16190980). VPS26 is a component of the retromer complex composed of VPS26 (VPS26A or VPS26B), VPS29, VPS35, SNX1, and SNX2. VPS26A and VPS26B subunits define distinct retromer complexes (PMID: 21920005). The retromer complex is important in recycling transmembrane receptors from endosomes to the trans-Golgi network (TGN).

Notable Publications

Author	Pubmed ID	Journal	Application
Guang Lin	29909971	Cell Metab	IF
Yifei Pei	35993307	Autophagy	WB
Parisa Kakanj	40184468	Sci Adv	WB,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

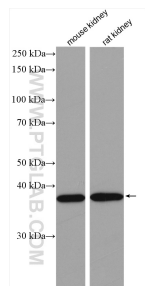
T: 4006900926

E: Proteintech-CN@ptglab.com

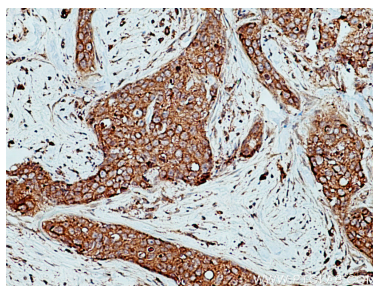
W: ptgcn.com

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

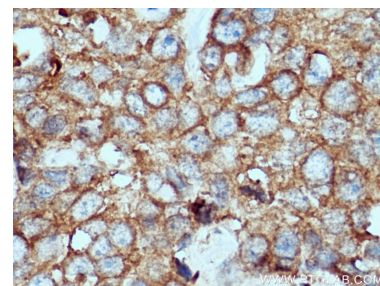
Selected Validation Data



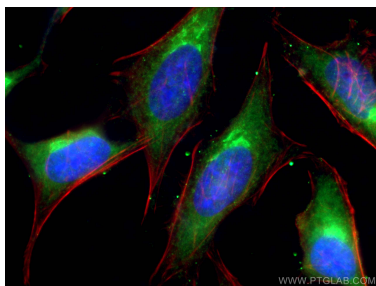
Various lysates were subjected to SDS PAGE followed by western blot with 12804-1-AP (VPS26A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12804-1-AP (VPS26A 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 breast cancer tissue slide using 12804-1-AP (VPS26A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 12804-1-AP (VPS26A antibody), at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL555-phalloidine stains F-actin (red).