

For Research Use Only

# TMP21 Polyclonal antibody

Catalog Number: 15199-1-AP

Featured Product

9 Publications



## Basic Information

### Catalog Number:

15199-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7347

### GenBank Accession Number:

BC001825

### GeneID (NCBI):

10972

### UNIPROT ID:

P49755

### Full Name:

transmembrane emp24-like trafficking protein 10 (yeast)

### Calculated MW:

25 kDa

### Observed MW:

21 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IF, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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** : BxPC-3 cells, HEK-293T cells, Neuro-2a cells, PC-3 cells, Raji cells, U-87 MG cells, NIH/3T3 cells, mouse pancreas tissue, rat pancreas tissue

**IP** : BxPC-3 cells,

**IHC** : mouse brain tissue, human colon cancer tissue, human pancreas tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Shulin Li	34561617	Cell Res	WB
Jiaxin Sun	28515233	J Cell Sci	CoIP
Hak Park	35748162	Adv Sci (Weinh)	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

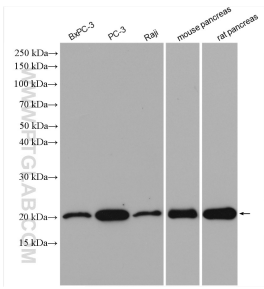
For technical support and original validation data for this product please contact:

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

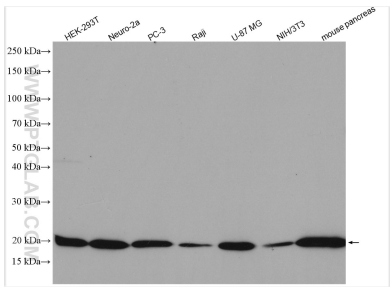
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

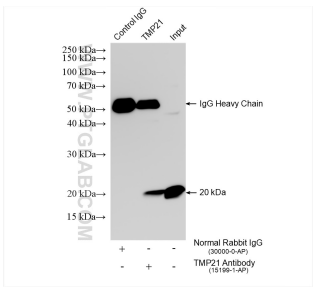
Selected Validation Data



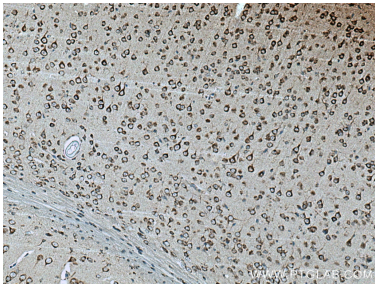
Various lysates were subjected to SDS PAGE followed by western blot with 15199-1-AP (TMP21 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



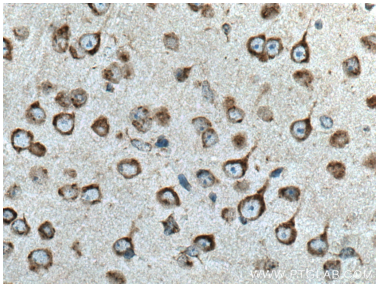
Various lysates were subjected to SDS PAGE followed by western blot with 15199-1-AP (TMP21 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-TMP21 (IP:15199-1-AP, 4ug; Detection:15199-1-AP 1:3000) with BxPC-3 cells lysate 2080 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15199-1-AP (TMP21 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 mouse brain tissue slide using 15199-1-AP (TMP21 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).