

For Research Use Only

TMP21 Polyclonal antibody

Catalog Number: 15199-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

15199-1-AP

Size:

600 ug/ml

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

Background Information

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

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

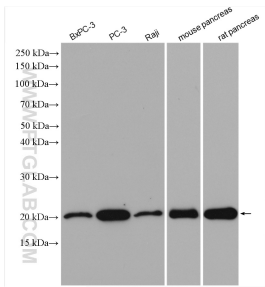
T: 4006900926

E: Proteintech-CN@ptglab.com

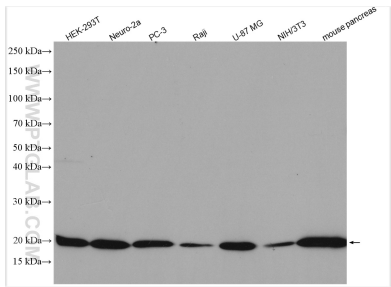
W: ptgcn.com

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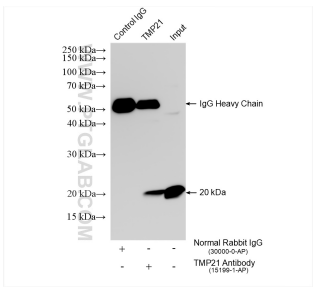
Selected Validation Data



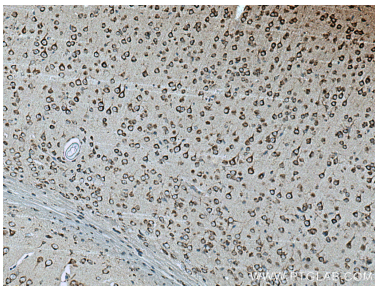
Various lysates were subjected to SDS PAGE followed by western blot with 15199-1-AP (TMP21 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



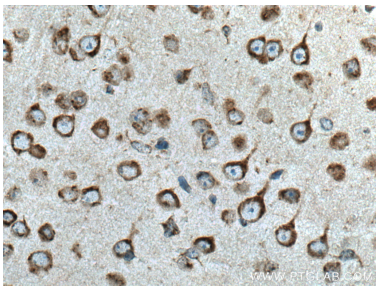
Various lysates were subjected to SDS PAGE followed by western blot with 15199-1-AP (TMP21 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



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).