

For Research Use Only

TBC1D1 Polyclonal antibody

Catalog Number: 22124-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

22124-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5406

GenBank Accession Number:

BC050321

GeneID (NCBI):

23216

UNIPROT ID:

Q86T10

Full Name:

TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1

Calculated MW:

133 kDa

Observed MW:

150-165 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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, IP, IHC, ELISA

Cited Applications:

WB, IHC, IP

Species Specificity:

human, mouse

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: LNCaP cells, HeLa cells, HEK-293T cells, Jurkat cells, MCF-7 cells

IP: Jurkat cells,

IHC: mouse kidney tissue, human testis tissue, human kidney tissue

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------------|-----------|-----------------|-------------|
| Magnus R Larsen | 32916040 | J Physiol | WB |
| Hiroyasu Hatakeyama | 30482843 | J Biol Chem | |
| Zejun Mo | 30733181 | J Pharmacol Sci | 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

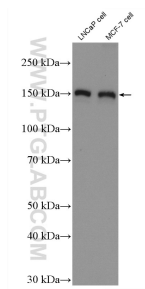
For technical support and original validation data for this product please contact:

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

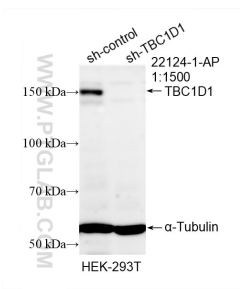
E: proteintech@ptglab.com
W: ptglab.com

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

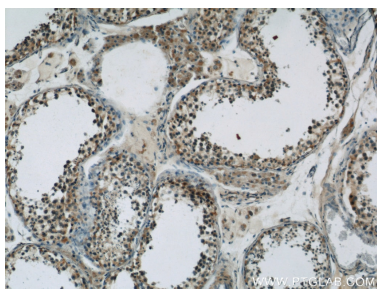
Selected Validation Data



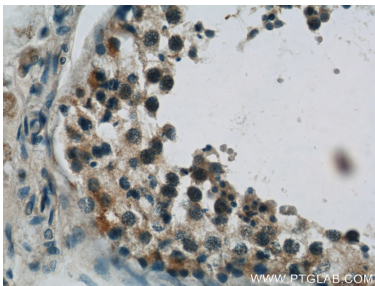
Various lysates were subjected to SDS PAGE followed by western blot with 22124-1-AP (TBC1D1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



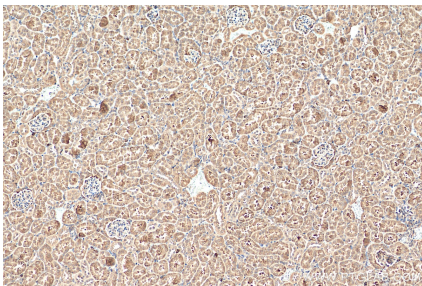
WB result of TBC1D1 antibody (22124-1-AP; 1:1500; incubated at room temperature for 1.5 hours) with sh-Control and sh-TBC1D1 transfected HEK-293T cells.



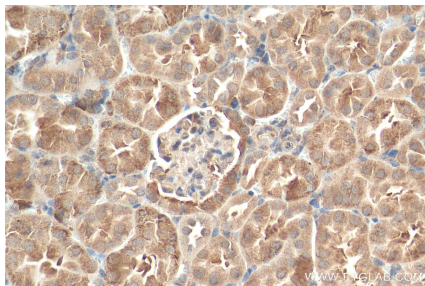
Immunohistochemical analysis of paraffin-embedded human testis slide using 22124-1-AP (TBC1D1 Antibody) at dilution of 1:50.



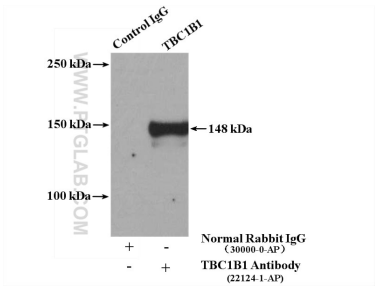
Immunohistochemical analysis of paraffin-embedded human testis slide using 22124-1-AP (TBC1D1 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 22124-1-AP (TBC1D1 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 kidney tissue slide using 22124-1-AP (TBC1D1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TBC1D1 (IP: 22124-1-AP, 4ug; Detection: 22124-1-AP 1:1000) with Jurkat cells lysate 2400ug.