

# TBC1D17 Polyclonal antibody

Catalog Number: 20482-1-AP

## Basic Information

**Catalog Number:**

20482-1-AP

**Size:**

150ul , Concentration: 750 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG14358

**GenBank Accession Number:**

BC003516

**GeneID (NCBI):**

79735

**Full Name:**

TBC1 domain family, member 17

**Calculated MW:**

648 aa, 73 kDa

**Observed MW:**

73 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:50-1:500

## Applications

**Tested Applications:**

IF, IHC, IP, WB, ELISA

**Species Specificity:**

human, mouse, rat

**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 brain tissue, mouse thymus tissue, Jurkat cells, rat brain tissue

**IP :** Jurkat cells,

**IHC :** human breast cancer tissue, human liver cancer tissue, human heart tissue, mouse testis tissue

**IF :** A549 cells,

## Background Information

### 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

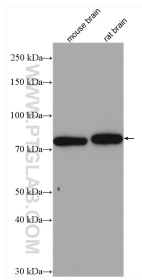
For technical support and original validation data for this product please contact:

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

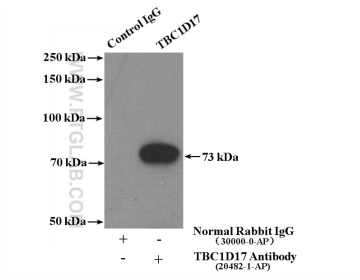
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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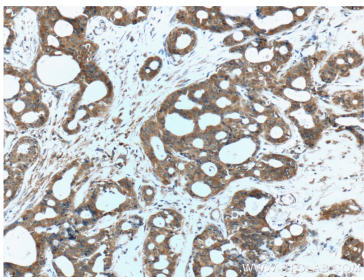
Selected Validation Data



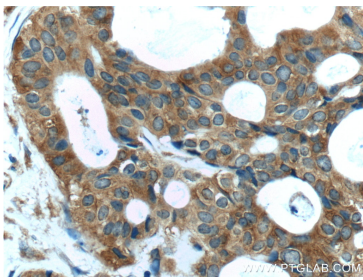
Various lysates were subjected to SDS PAGE followed by western blot with 20482-1-AP (TBC1D17 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



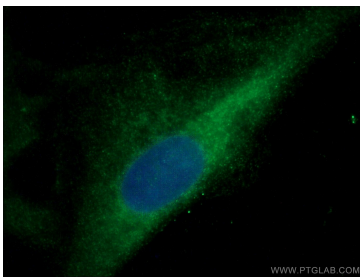
IP Result of anti-TBC1D17 (IP:20482-1-AP, 4ug; Detection:20482-1-AP 1:1000) with Jurkat cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20482-1-AP (TBC1D17 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20482-1-AP (TBC1D17 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 20482-1-AP (TBC1D17 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).