

For Research Use Only

TCP1 Polyclonal antibody

Catalog Number: 10320-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

10320-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0389

GenBank Accession Number:

BC000665

GeneID (NCBI):

6950

UNIPROT ID:

P17987

Full Name:

t-complex 1

Calculated MW:

60 kDa

Observed MW:

55-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

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

IHC 1:800-1:3200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, ELISA

Cited Applications:

WB, IF, IP, ColP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: A549 cells, mouse heart tissue, HeLa cells, HepG2 cells, Jurkat cells, MCF-7 cells, NCI-H1299 cells

IP: HeLa cells,

IHC: human colon cancer tissue, human colon tissue, human liver cancer tissue

IF/ICC: HeLa cells, MCF-7 cells

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

Background Information

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Notable Publications

Author	Pubmed ID	Journal	Application
Cheng Liu	25397718	J Agric Food Chem	WB
Sandhya Gopal	30029015	Virology	IP
Ye Shan	26577520	J Alzheimers Dis	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

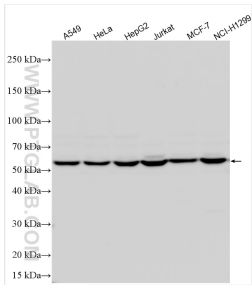
For technical support and original validation data for this product please contact:

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

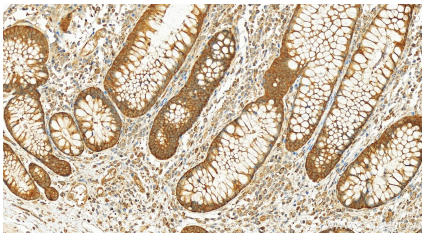
E: proteintech@ptglab.com
W: ptglab.com

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

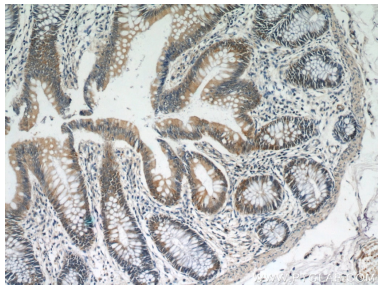
Selected Validation Data



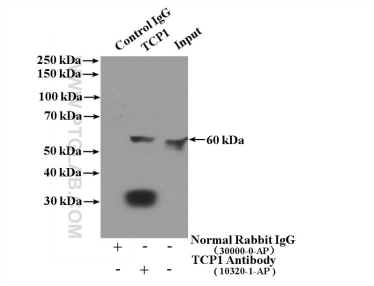
Various lysates were subjected to SDS PAGE followed by western blot with 10320-1-AP (TCP1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



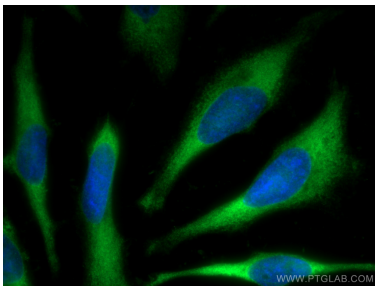
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10320-1-AP (TCP1 antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



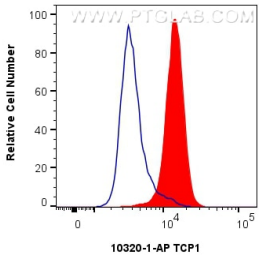
Immunohistochemical analysis of paraffin-embedded human colon using 10320-1-AP (TCP1 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-TCP1 (IP:10320-1-AP, 4ug; Detection:10320-1-AP 1:300) with HeLa cells lysate 1600ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using TCP1 antibody (10320-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug TCP1 Polyclonal antibody (10320-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).