

For Research Use Only

# CCT3 Polyclonal antibody

Catalog Number: 10571-1-AP

Featured Product

12 Publications



## Basic Information

<b>Catalog Number:</b> 10571-1-AP	<b>GenBank Accession Number:</b> BC006501	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 700 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7203	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>Full Name:</b> chaperonin containing TCP1, subunit 3 (gamma)	<b>IHC 1:50-1:500</b> <b>IF 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 60 kDa	
<b>Immunogen Catalog Number:</b> AG0843	<b>Observed MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
FC, IF, IHC, IP, WB, ELISA

**Cited Applications:**  
CoIP, IF, WB

**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:** HEK-293 cells, rat kidney tissue, HeLa cells, Jurkat cells, U2OS cells, mouse brain tissue, rat brain tissue, mouse kidney tissue

**IP:** mouse brain tissue,

**IHC:** human liver cancer tissue,

**IF:** HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Erik McShane	27720452	Cell	WB
Yu Yanyan Y	21468425	Mol Biosyst	WB
Hongyang Shi	35182550	Toxicol Appl Pharmacol	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

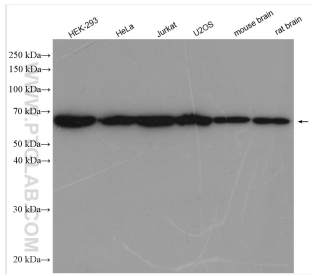
For technical support and original validation data for this product please contact:

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

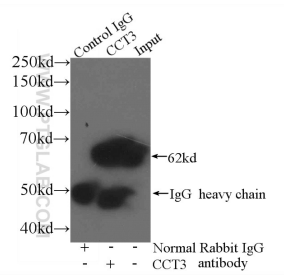
E: proteintech@ptglab.com  
W: ptglab.com

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

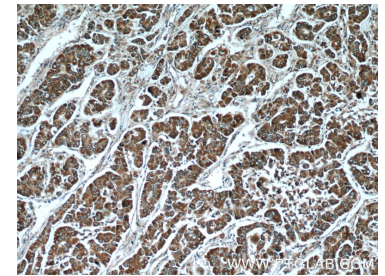
## Selected Validation Data



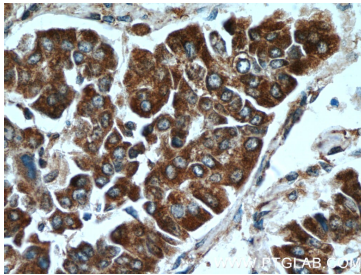
Various lysates were subjected to SDS PAGE followed by western blot with 10571-1-AP (CCT3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



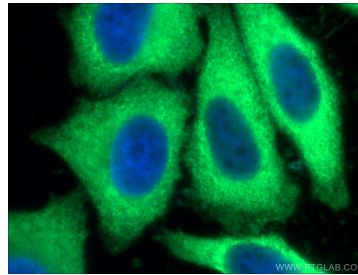
IP Result of anti-CCT3 (IP:10571-1-AP, 3ug; Detection:10571-1-AP 1:1000) with mouse brain tissue lysate 3600ug.



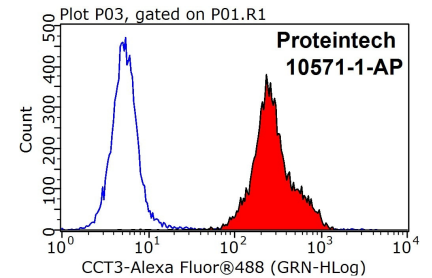
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10571-1-AP (CCT3 Antibody) at dilution of 1:50 (under 10x lens).



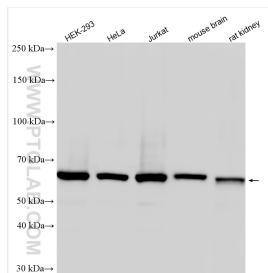
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10571-1-AP (CCT3 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 10571-1-AP (CCT3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug CCT3 antibody (10571-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Various lysates were subjected to SDS PAGE followed by western blot with 10571-1-AP (CCT3 antibody) at dilution of 1:12000 incubated at room temperature for 1.5 hours.