

For Research Use Only

# CNPY3 Polyclonal antibody

Catalog Number: 15215-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**  
15215-1-AP

**Size:**  
150ul, Concentration: 200 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG7382

**GenBank Accession Number:**  
BC004423

**GeneID (NCBI):**  
10695

**Full Name:**  
canopy 3 homolog (zebrafish)

**Calculated MW:**  
31 kDa

**Observed MW:**  
30-40 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:1000-1:4000  
IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB  
IHC 1:50-1:500

## Applications

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

**Cited Applications:**  
IHC, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human

**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, Jurkat cells, human brain tissue, A549 cells

**IP:** mouse kidney tissue,

**IHC:** human colon cancer tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yao-Qi Zhou	37012514	Cell Oncol (Dordr)	WB,IHC
Yongxin Mo	36931208	J Neuroimmunol	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

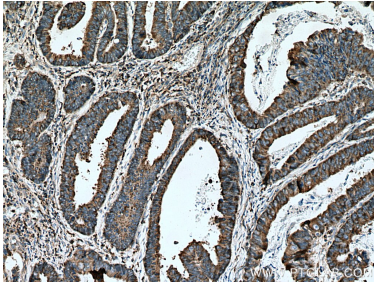
For technical support and original validation data for this product please contact:

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

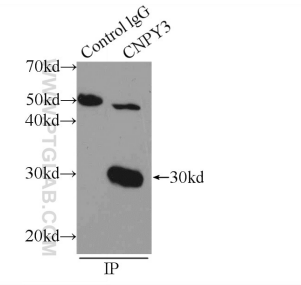
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

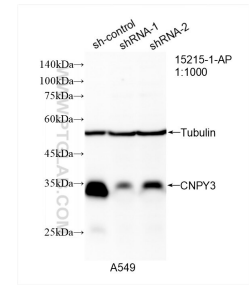
## Selected Validation Data



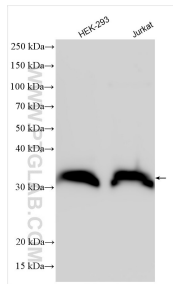
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15215-1-AP (CNPY3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CNPY3 (IP:15215-1-AP, 3ug; Detection:15215-1-AP 1:500) with mouse kidney tissue lysate 6000ug.



WB result of CNPY3 antibody (15215-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNPY3 transfected A549 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 15215-1-AP (CNPY3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.