

For Research Use Only

CNPY3 Polyclonal antibody

Catalog Number: 15215-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

15215-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7382

GenBank Accession Number:

BC004423

GeneID (NCBI):

10695

UNIPROT ID:

Q9BT09

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

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,

IF/ICC: HEK-293 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Xu-Can Gao	39072149	World J Gastrointest Oncol	WB,IHC
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

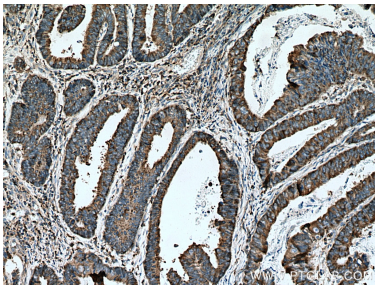
For technical support and original validation data for this product please contact:

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

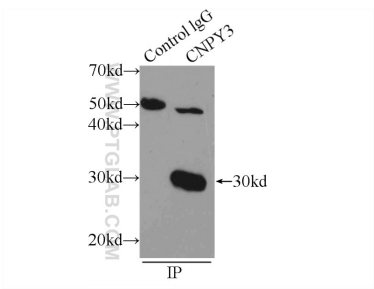
E: proteintech@ptglab.com
W: ptglab.com

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

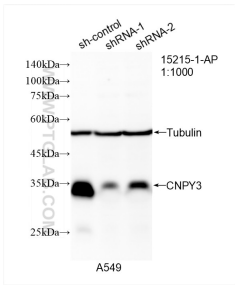
Selected Validation Data



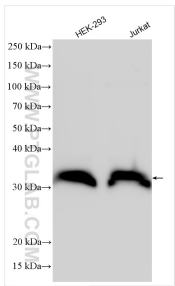
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15215-1-AP (CNPY3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



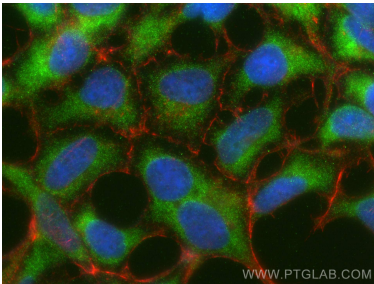
IP result of anti-CNPY3 (IP:15215-1-AP, 3ug; Detection:15215-1-AP 1:500) with mouse kidney tissue lysate 6000ug.



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.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CNPY3 antibody (15215-1-AP) at dilution of 1:200 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).