

For Research Use Only

CCNY Polyclonal ANTIBODY



Catalog Number: 18042-1-AP

Featured Product

5 Publications

Basic Information

Catalog Number:

18042-1-AP

Size:

mg/ml

Source:

Rabbit

Isotype:

IgG

Purification Method:

Antigen affinity purification

Immunogen Catalog Number:

AG12674

GenBank Accession Number:

BC104773

GeneID (NCBI):

219771

Full Name:

cyclin Y

Calculated MW:

33 kDa;39 kDa

Observed MW:

33-39 kDa

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for

WB

IF 1:10-1:100

Applications

Tested Applications:

IF, IP, WB, ELISA

Cited Applications:

IP, WB

Species Specificity:

human,mouse,rat

Cited Species:

human, mouse

Positive Controls:

WB : K-562 cells; A549 cells

IP : K-562 cells;

IF : HepG2 cells;

Background Information

CCNY, also named as C10orf9, CBCP1, CFP1, is a novel cyclin. CCNY acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway.

Notable Publications

Author	Pubmed ID	Journal	Application
Xin Wang	27821587	J Biol Chem	WB
Eunsil Cho	26220330	Sci Rep	WB
I-Seul Joe	28241067	PLoS One	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS,pH 7.3.

Aliquoting is unnecessary for -20°C storage

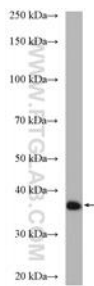
For technical support and original validation data for this product please contact:

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

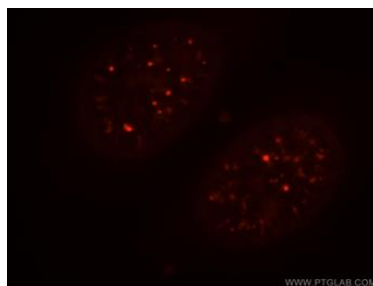
E: proteintech@ptglab.com
W: ptglab.com

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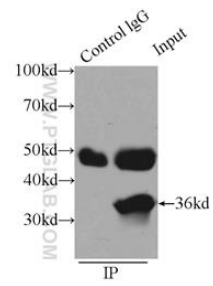
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 18042-1-AP (CCNY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



Immunofluorescent analysis of HepG2 cells, using CCNY antibody 18042-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-CCNY (IP:18042-1-AP, 3ug; Detection:18042-1-AP 1:600) with K-562 cells lysate 2400ug.