

For Research Use Only

# CCNY Polyclonal ANTIBODY



Catalog Number: 18042-1-AP

Featured Product

5 Publications

## Basic Information

Catalog Number:  
18042-1-AP

Size:  
31 µg/150 µl

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 µg for IP and 1:500-1:1000 for WB

IF 1:10-1:100

## Applications

Tested Applications:  
ELISA, WB, IF, IP

Cited Applications:  
IP, WB

Species Specificity:  
human, mouse, rat

Cited Species:  
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 with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

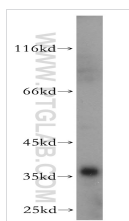
For technical support and original validation data for this product please contact:

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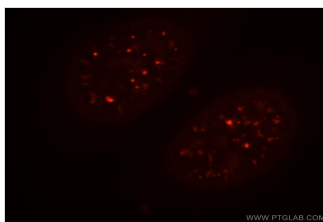
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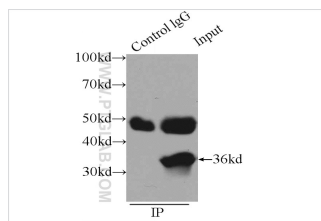
## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 18042-1-AP(CCNY antibody) at dilution of 1:600 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.