

For Research Use Only

# CCNDBP1 Polyclonal antibody

Catalog Number: 12363-1-AP **11 Publications**



## Basic Information

<b>Catalog Number:</b> 12363-1-AP	<b>GenBank Accession Number:</b> BC009689	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23582	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95273	
<b>Isotype:</b> IgG	<b>Full Name:</b> cyclin D-type binding-protein 1	
<b>Immunogen Catalog Number:</b> AG3032	<b>Calculated MW:</b> 360 aa, 40 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, IHC : human lung cancer tissue,
<b>Cited Applications:</b> WB, IHC, CoIP	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

CCNDBP1, also named as DIP1, GCIP and HHM, is a helix-loop-helix protein which suppresses tumorigenesis. CCNDBP1 specifically interacts with one of the class III HDAC proteins, SirT6, which is important for maintaining genome stability. CCNDBP1 may negatively regulate cell cycle progression.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lingge Yang	34631521	Front Oncol	WB,IHC
Yanmin Wang	30275708	Onco Targets Ther	WB
Yao Liu	29799152	J Cell Mol Med	WB,CoIP

## Storage

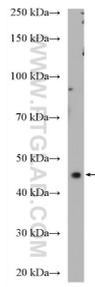
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

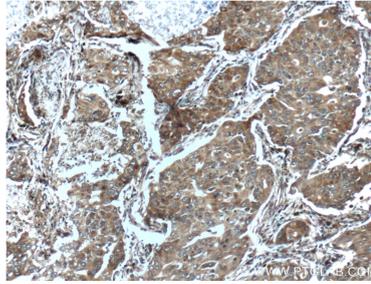
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

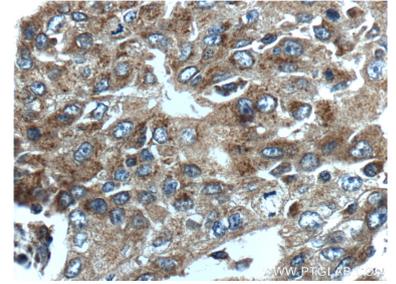
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 12363-1-AP (CCNDBP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12363-1-AP (CCNDBP1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12363-1-AP (CCNDBP1 Antibody) at dilution of 1:200 (under 40x lens).