

# CCNDBP1 Polyclonal antibody

Catalog Number: 12363-1-AP

11 Publications

## Basic Information

**Catalog Number:**

12363-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3032

**GenBank Accession Number:**

BC009689

**GeneID (NCBI):**

23582

**UNIPROT ID:**

O95273

**Full Name:**

cyclin D-type binding-protein 1

**Calculated MW:**

360 aa, 40 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, IHC, CoIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat

**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 : HeLa cells,

IHC : human lung cancer tissue,

## 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:**

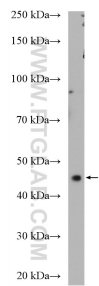
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

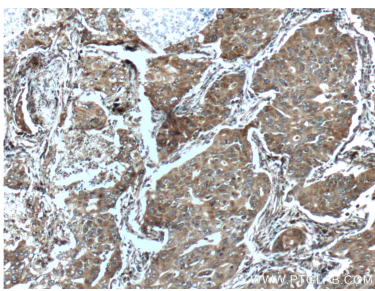
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

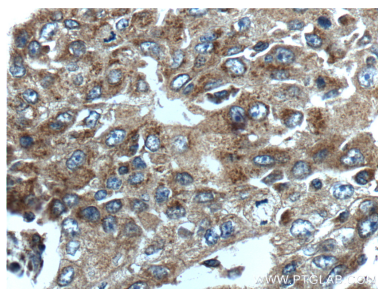
Selected Validation Data



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).