

For Research Use Only

CCNDBP1 Polyclonal antibody

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



Basic Information

Catalog Number: 12363-1-AP	GenBank Accession Number: BC009689	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 23582	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O95273	
Isotype: IgG	Full Name: cyclin D-type binding-protein 1	
Immunogen Catalog Number: AG3032	Calculated MW: 360 aa, 40 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB, IHC, CoIP	WB: HeLa cells,
Species Specificity: human, mouse, rat	IHC: human lung cancer tissue,
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	

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

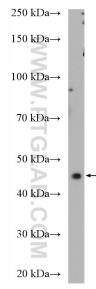
Storage

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

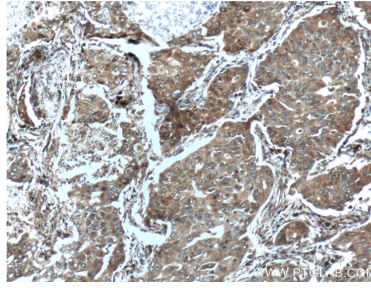
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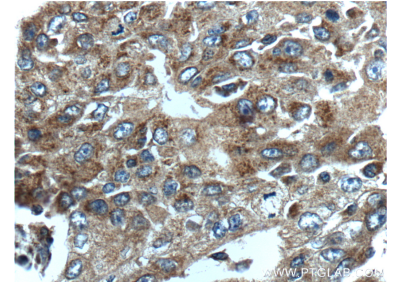
Selected Validation Data



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).