

For Research Use Only

# CCDC85B Polyclonal antibody

Catalog Number: 18282-1-AP

2 Publications



## Basic Information

### Catalog Number:

18282-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13129

### GenBank Accession Number:

BC008796

### GeneID (NCBI):

11007

### UNIPROT ID:

Q15834

### Full Name:

coiled-coil domain containing 85B

### Calculated MW:

22 kDa

### Observed MW:

24-28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : mouse heart tissue, mouse lung tissue

IP : mouse heart tissue,

IHC : human liver tissue,

IF/ICC : HeLa cells,

**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

Coiled-coil domain-containing protein 85B (CCDC85B), also named as DIPA, is 202 amino acid protein, which belongs to the CCDC85 family. CCDC85B localizes in the nucleus and cytoplasm. CCDC85B is widely expressed in many tissues and functions as a transcriptional repressor. CCDC85B may inhibit the activity of CTNNA1 in a TP53-dependent manner and thus regulate cell growth. CCDC85B may play a role in adipocyte differentiation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kevin G Mark	37478862	Cell	WB
Nan Zhang	36822595	Cell Prolif	IF

## 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

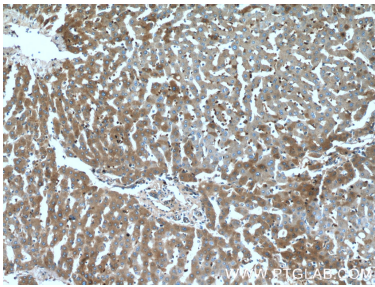
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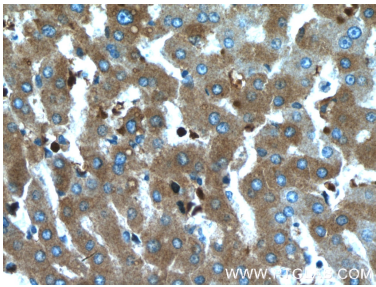
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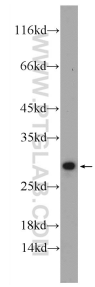
Selected Validation Data



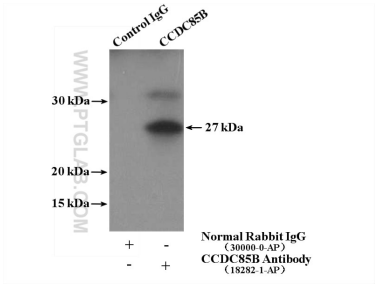
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18282-1-AP (CCDC85B antibody) at dilution of 1:200 (under 10x lens).



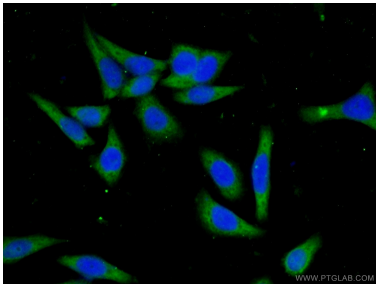
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18282-1-AP (CCDC85B antibody) at dilution of 1:200 (under 40x lens).



mouse heart tissue were subjected to SDS PAGE followed by western blot with 18282-1-AP (CCDC85B Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-CCDC85B (IP:18282-1-AP, 4ug; Detection:18282-1-AP 1:300) with mouse heart tissue lysate 3600ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 18282-1-AP (CCDC85B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).