

For Research Use Only

# CCDC72 Polyclonal antibody

Catalog Number: 20393-1-AP

3 Publications



## Basic Information

### Catalog Number:

20393-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13792

### GenBank Accession Number:

BC001102

### GeneID (NCBI):

51372

### UNIPROT ID:

Q9Y256

### Full Name:

coiled-coil domain containing 72

### Calculated MW:

64 kDa, 7 kDa

### Observed MW:

7 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 : A549 cells, HEK-293 cells, MCF-7 cells

IP : A549 cells,

IHC : human skin tissue,

IF/ICC : A549 cells,

## Background Information

CCDC72, also named as TMA7, is a novel modulator for hair follicle development. CCDC72 has the promoter activity and regulation of gene expression.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shiyu Luo	38966981	Dis Model Mech	WB
Shiyu Luo	37905068	bioRxiv	WB
Like Yang	37056932	Int J Biol Sci	WB, IHC

## 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

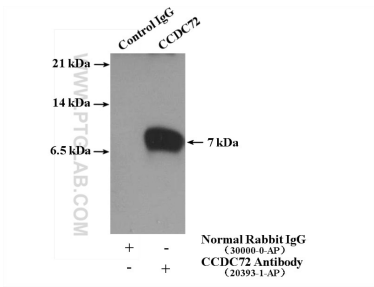
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

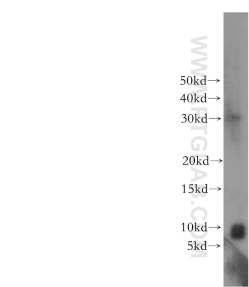
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

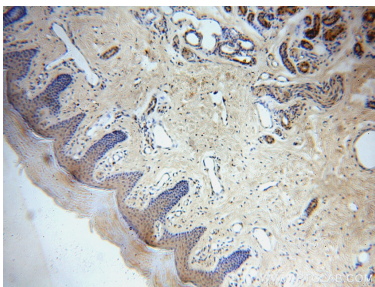
Selected Validation Data



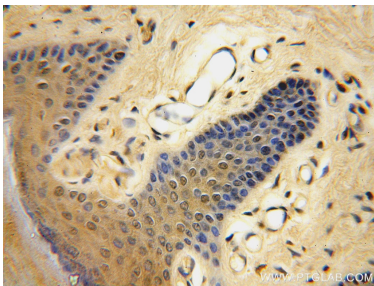
IP result of anti-CCDC72 (IP:20393-1-AP, 4ug; Detection:20393-1-AP 1:500) with A549 cells lysate 2400 ug.



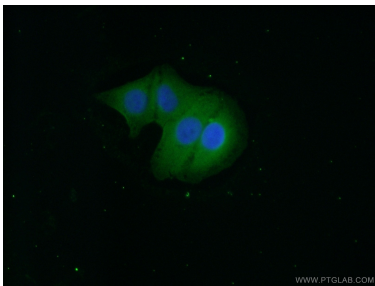
A549 cells were subjected to SDS PAGE followed by western blot with 20393-1-AP (CCDC72 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin using 20393-1-AP (CCDC72 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin using 20393-1-AP (CCDC72 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 20393-1-AP (CCDC72 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).