

For Research Use Only

CCDC72 Polyclonal antibody

Catalog Number: 20393-1-AP **2 Publications**



Basic Information

Catalog Number: 20393-1-AP	GenBank Accession Number: BC001102	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51372	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 1:20-1:200
Source: Rabbit	Full Name: coiled-coil domain containing 72	
Isotype: IgG	Calculated MW: 64 kDa, 7 kDa	
Immunogen Catalog Number: AG13792	Observed MW: 7 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB: A549 cells, HEK-293 cells, MCF-7 cells IP: A549 cells, IHC: human skin tissue, IF: A549 cells,
Cited Applications: IHC, WB	
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	

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	37905068	bioRxiv	WB
Like Yang	37056932	Int J Biol Sci	WB, IHC

Storage

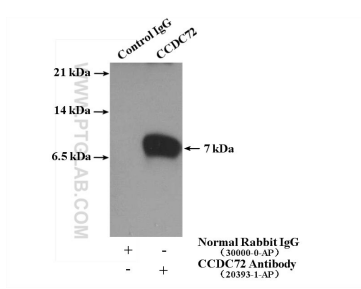
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

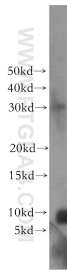
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

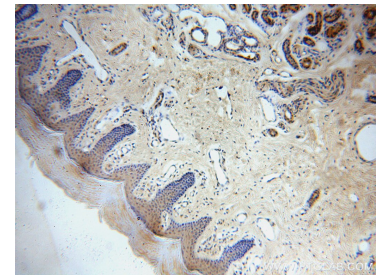
Selected Validation Data



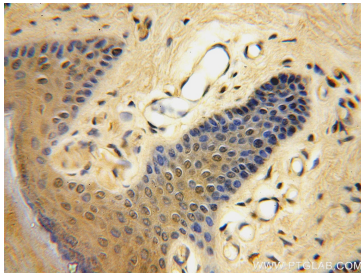
IP result of anti-CCDC72 (IP:20393-1-AP, 4 μ g; Detection:20393-1-AP 1:500) with A549 cells lysate 2400 μ g.



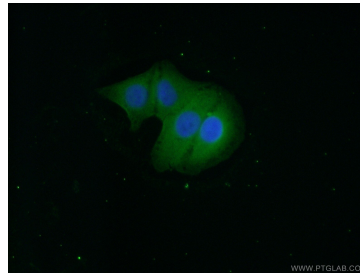
A549 cells were subjected to SDS PAGE followed by western blot with 20393-1-AP (CCDC72 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Rabbit IgG(H+L).