

For Research Use Only

# CCDC18 Polyclonal antibody

Catalog Number: 30024-1-AP



## Basic Information

<b>Catalog Number:</b> 30024-1-AP	<b>GenBank Accession Number:</b> BC156745	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 343099	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:50-1:500 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5T9S5	
<b>Isotype:</b> IgG	<b>Full Name:</b> coiled-coil domain containing 18	
<b>Immunogen Catalog Number:</b> AG32681	<b>Observed MW:</b> 151 kDa	

## Applications

<b>Tested Applications:</b> WB, IF, IHC, ELISA	<b>Positive Controls:</b> WB : A431 cells, Daudi cells, HL-60 cells, HeLa cells IHC : rat colon tissue, IF/ICC : U2OS cells,
<b>Species Specificity:</b> Human, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

CCDC18 (Coiled-coil domain-containing protein 18) is a Protein that in humans is encoded by the CCDC18 gene. CCDC18 has 2 isoforms with the MW of 168 kDa and 151 kDa.

## Storage

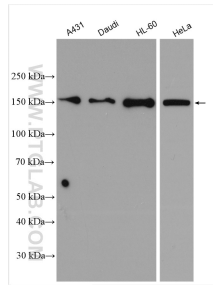
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

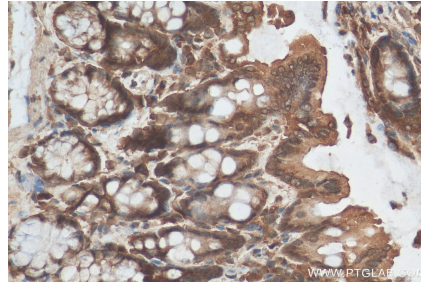
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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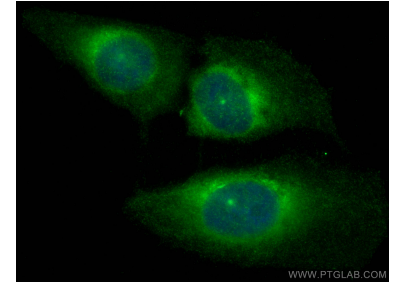
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30024-1-AP (CCDC18 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using 30024-1-AP (CCDC18 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CCDC18 antibody (30024-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).