

For Research Use Only

# CCDC102B Polyclonal antibody, PBS Only

Catalog Number:31675-1-PBS



## Basic Information

<b>Catalog Number:</b> 31675-1-PBS	<b>GenBank Accession Number:</b> BC126448	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79839	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q68D86	
<b>Isotype:</b> IgG	<b>Full Name:</b> coiled-coil domain containing 102B	
<b>Immunogen Catalog Number:</b> AG36379	<b>Observed MW:</b> 60-68 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IP, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Coiled coil domain containing 102B (CCDC102B) is a new centrosome-linker protein that is required for maintaining centrosome cohesion. Human CCDC102B is an uncharacterized protein containing 513 amino acids (aa); it is predicted to contain one short coiled-coil domain on its N-terminus and two long coiled-coil domains in the middle region and C-terminus, respectively (PMID: 35957886). At the onset of mitosis, along with other centrosome components, CCDC102B is phosphorylated by Nek2A and is disassociated from the centrosome to allow for the centrosome separation (PMID: 30404835).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

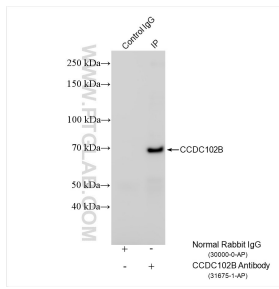
For technical support and original validation data for this product please contact:

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

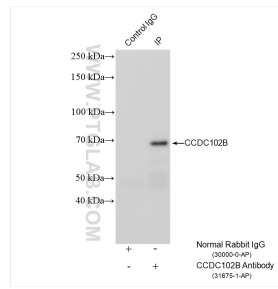
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

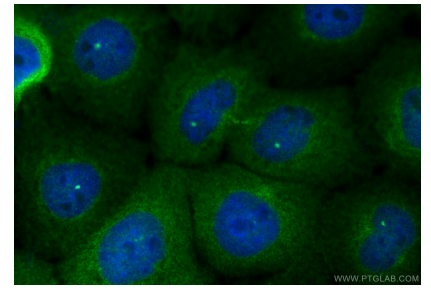
## Selected Validation Data



IP result of anti-CCDC102B (IP:31675-1-AP, 4ug; Detection:31675-1-AP 1:800) with MOLT-4 cells lysate 1800 ug. This data was developed using the same antibody clone with 31675-1-PBS in a different storage buffer formulation.



IP result of anti-CCDC102B (IP:31675-1-AP, 4ug; Detection:31675-1-AP 1:800) with SH-SY5Y cells lysate 1240 ug. This data was developed using the same antibody clone with 31675-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CCDC102B antibody (31675-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31675-1-PBS in a different storage buffer formulation.