

For Research Use Only

CCDC102B Polyclonal antibody, PBS Only

Catalog Number: 31675-1-PBS



Basic Information

Catalog Number: 31675-1-PBS	GenBank Accession Number: BC126448	Purification Method: Antigen affinity Purification
Concentration: 1 mg/ml	GeneID (NCBI): 79839	
Source: Rabbit	UNIPROT ID: Q68D86	
Isotype: IgG	Full Name: coiled-coil domain containing 102B	
Immunogen Catalog Number: AG36379	Observed MW: 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

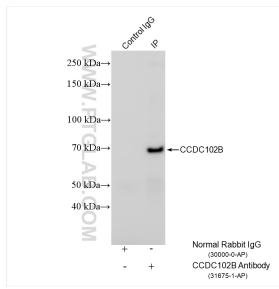
T: 4006900926

E: Proteintech-CN@ptglab.com

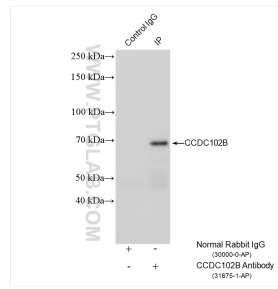
W: ptgcn.com

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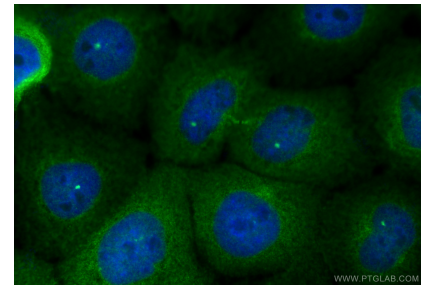
Selected Validation Data



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.