

For Research Use Only

CCDC102B Polyclonal antibody

Catalog Number: 31675-1-AP



Basic Information

Catalog Number:

31675-1-AP

Concentration:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36379

GenBank Accession Number:

BC126448

GeneID (NCBI):

79839

UNIPROT ID:

Q68D86

Full Name:

coiled-coil domain containing 102B

Observed MW:

60-68 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

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

IF/ICC: 1:50-1:500

Applications

Tested Applications:

IF/ICC, IP, ELISA

Species Specificity:

human

Positive Controls:

IP: SH-SY5Y cells, MOLT-4 cells

IF/ICC: A431 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

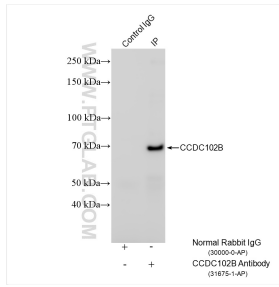
T: 4006900926

E: Proteintech-CN@ptglab.com

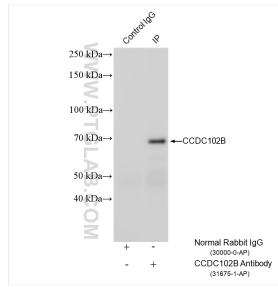
W: ptgcn.com

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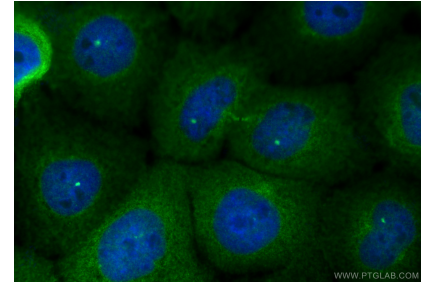
Selected Validation Data



IP result of anti-CCDC102B (IP:31675-1-AP, 4ug; Detection:31675-1-AP 1:800) with MOLT-4 cells lysate 1800 ug.



IP result of anti-CCDC102B (IP:31675-1-AP, 4ug; Detection:31675-1-AP 1:800) with SH-SY5Y cells lysate 1240 ug.



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).