

For Research Use Only

# CCDC63 Polyclonal antibody, PBS Only

Catalog Number:33600-1-PBS



## Basic Information

Catalog Number:

33600-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG39252

GenBank Accession Number:

NM\_152591.2

GeneID (NCBI):

160762

UNIPROT ID:

Q8NA47

Full Name:

coiled-coil domain containing 63

Calculated MW:

66kDa 563aa

Observed MW:

65 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

CCDC63 (Coiled-Coil Domain Containing 63) is a highly conserved centrosomal satellite protein whose main functions are closely related to cell mitosis and ciliogenesis. This protein directly interacts with PCM1, a key organizer of centrosomal satellites, through its coiled-coil domain and is recruited to the pericentriolar material. As an important component of centrosomal satellites, CCDC63 is involved in regulating the normal assembly of the centrosome, microtubule anchoring, and proper orientation of the spindle, thereby ensuring the fidelity of chromosome segregation and genomic stability. Therefore, CCDC63 is one of the core molecules that maintain the accuracy of cell division and the function of organelles.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

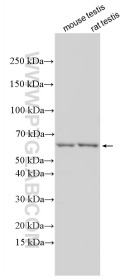
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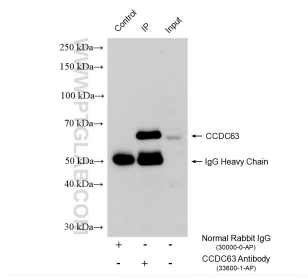
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33600-1-AP (CCDC63 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33600-1-PBS in a different storage buffer formulation.



IP result of anti-CCDC63 (IP:33600-1-AP, 4ug; Detection:33600-1-AP 1:600) with mouse testis tissue lysate 1680 ug. This data was developed using the same antibody clone with 33600-1-PBS in a different storage buffer formulation.