

For Research Use Only

CCDC65 Polyclonal antibody

Catalog Number: 24376-1-AP **1 Publications**



Basic Information

Catalog Number: 24376-1-AP	GenBank Accession Number: BC039317	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 85478	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8IXS2	
Isotype: IgG	Full Name: coiled-coil domain containing 65	
Immunogen Catalog Number: AG19357	Calculated MW: 484 aa, 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: WB, IF/ICC, IP, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue IP : mouse testis tissue, IF/ICC : U2OS cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

CCDC65, also known as DRC2, is a sperm tail protein highly expressed in adult testis, spermatocytes, and spermatids. It is a component of the nexin-dynein regulatory complex (N-DRC), a structure important for regulating and orchestrating dynein activity. Mutations in CCDC65 are associated with primary ciliary dyskinesia (PCD), a genetic disorder that affects the structure and function of cilia (PMID: 23991085).

Notable Publications

Author	Pubmed ID	Journal	Application
Ziyan Zhang	35844805	Int J Biol Sci	WB

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

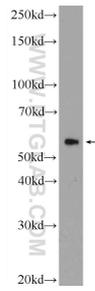
For technical support and original validation data for this product please contact:

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

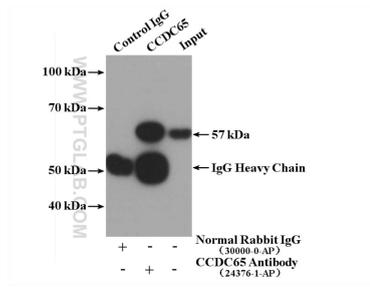
E: proteintech@ptglab.com
W: ptglab.com

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

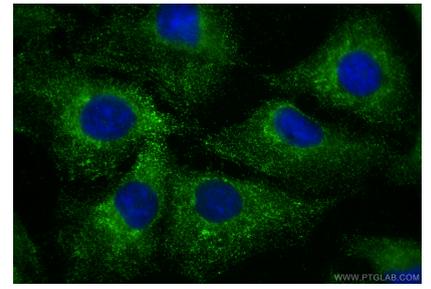
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 24376-1-AP (CCDC65 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-CCDC65 (IP:24376-1-AP, 4ug; Detection:24376-1-AP 1:1000) with mouse testis tissue lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using CCDC65 antibody (24376-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).