

For Research Use Only

Pericentrin Polyclonal antibody

Catalog Number: 22271-1-AP **3 Publications**



Basic Information

Catalog Number: 22271-1-AP	GenBank Accession Number: NM_006031	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5116	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: pericentrin	
Isotype: IgG	Calculated MW: 378 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : MDCK cells, C2C12 cells
Cited Applications: IF	
Species Specificity: human, Canine, mouse	
Cited Species: human	

Background Information

PCNT, also named as KIAA0402, PCNT2, Pericentrin-B and Kendrin, is an integral component of the filamentous matrix of the centrosome involved in the initial establishment of organized microtubule arrays in both mitosis and meiosis. PCNT plays a role, together with DISC1, in the microtubule network formation. Is an integral component of the pericentriolar material (PCM). PCNT is a marker of centrosome. Defects in PCNT are the cause of microcephalic osteodysplastic primordial dwarfism type 2 (MOPD2). The antibody is specific to PCNT, and it can recognize isoform 1 and 2.

Notable Publications

Author	Pubmed ID	Journal	Application
Won-Jing Wang	26609813	Elife	IF
Haiyu Song	37596441	Cell Death Differ	IF
Zhenzhou Fang	37481721	Cell Rep	IF

Storage

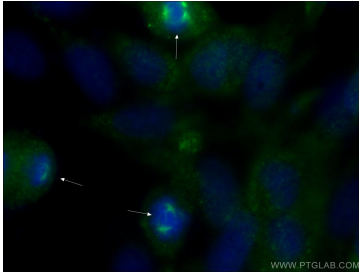
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Immunofluorescent analysis of (-20°C Ethanol) fixed MDCK cells using 22271-1-AP (Pericentrin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).