

For Research Use Only

# Pericentrin Polyclonal antibody

Catalog Number: 22271-1-AP

3 Publications



## Basic Information

Catalog Number:

22271-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_006031

GeneID (NCBI):

5116

Full Name:

pericentrin

Calculated MW:

378 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

## Applications

Tested Applications:

IF, ELISA

Cited Applications:

IF

Species Specificity:

human, Canine, mouse

Cited Species:

human

Positive Controls:

IF : MDCK cells, C2C12 cells

## 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

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

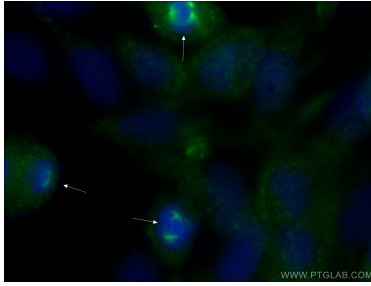
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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).