

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

**UNIPROT ID:**

O95613

**Full Name:**

pericentrin

**Calculated MW:**

378 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, ELISA

**Cited Applications:**

IF

**Species Specificity:**

human, Canine, mouse

**Cited Species:**

human

**Positive Controls:**

IF : MDCK cells, HeLa 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:

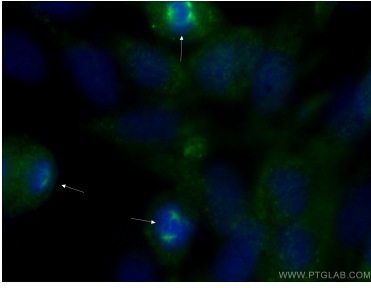
T: 4006900926

E: Proteintech-CN@ptglab.com

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**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).