

# Pericentrin Polyclonal antibody

Catalog Number: 27084-1-AP

## Basic Information

**Catalog Number:**

27084-1-AP

**Size:**

150ul, Concentration: 550 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25888

**GenBank Accession Number:**

AK093923

**GeneID (NCBI):**

5116

**Full Name:**

pericentrin

**Calculated MW:**

378 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:400-1:1600

IF 1:50-1:500

## Applications

**Tested Applications:**

IF, IHC, ELISA

**Species Specificity:**

human

**Positive Controls:**

IHC : human thyroid cancer tissue,

IF : HeLa cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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. PCNT is a marker of centrosome. Defects in PCNT are the cause of microcephalic osteodysplastic primordial dwarfism type 2 (MOPD2).

## 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

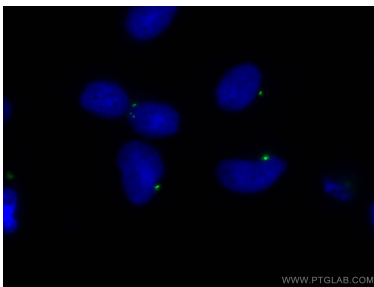
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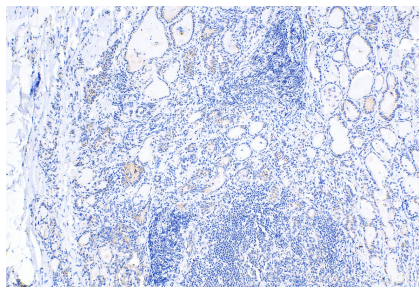
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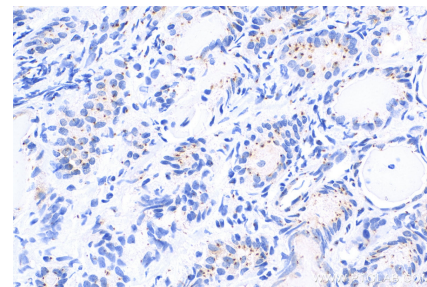
## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Pericentrin antibody (27084-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 27084-1-AP (Pericentrin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 27084-1-AP (Pericentrin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).