

For Research Use Only

Pericentrin Polyclonal antibody

Catalog Number: 27084-1-AP



Basic Information

Catalog Number:

27084-1-AP

Size:

550 ug/ml

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/ICC 1:50-1:500

Applications

Tested Applications:

IHC, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human thyroid cancer tissue,

IF/ICC : 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

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

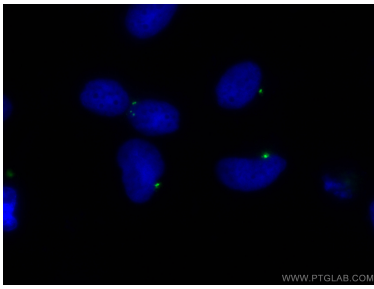
T: 4006900926

E: Proteintech-CN@ptglab.com

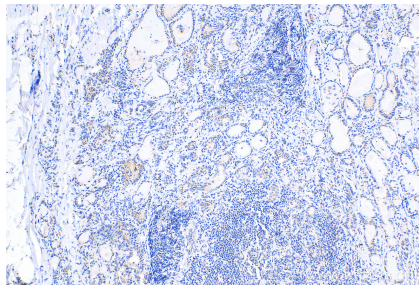
W: ptgcn.com

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

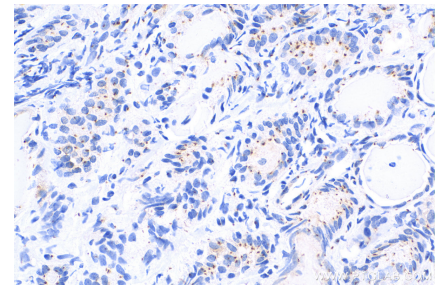
Selected Validation Data



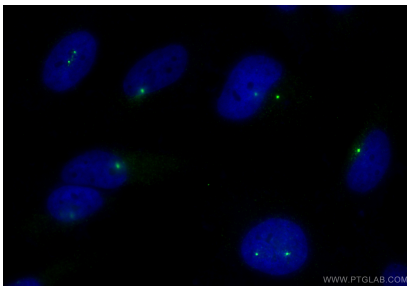
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Pericentrin antibody (27084-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Pericentrin antibody (27084-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).