

Datasheet for ABIN7162877
anti-PCNT antibody (AA 250-600)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PCNT
Binding Specificity:	AA 250-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCNT antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Pericentrin protein (250-600AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PCNT
Alternative Name:	PCNT (PCNT Products)
Background:	Background: Integral component of the filamentous matrix of the centrosome involved in the initial establishment of organized microtubule arrays in both mitosis and meiosis. Plays a role,

Target Details

together with DISC1, in the microtubule network formation. Is an integral component of the pericentriolar material (PCM). May play an important role in preventing premature centrosome splitting during interphase by inhibiting NEK2 kinase activity at the centrosome.

Aliases: Centrosome Marker antibody, Ken antibody, Kendrin antibody, KIAA0402 antibody, MOPD2 antibody, PCN antibody, PCNT 2 antibody, PCNT antibody, PCNT B antibody, PCNT_HUMAN antibody, PCNT1 antibody, PCNT2 antibody, PCNTB antibody, PCTN2 antibody, Pericentrin 1 antibody, Pericentrin 2 antibody, Pericentrin 380 antibody, Pericentrin antibody, Pericentrin B antibody, Pericentrin-B antibody, SCKL4 antibody

UniProt: [O95613](#)

Pathways: [Sensory Perception of Sound](#), [M Phase](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

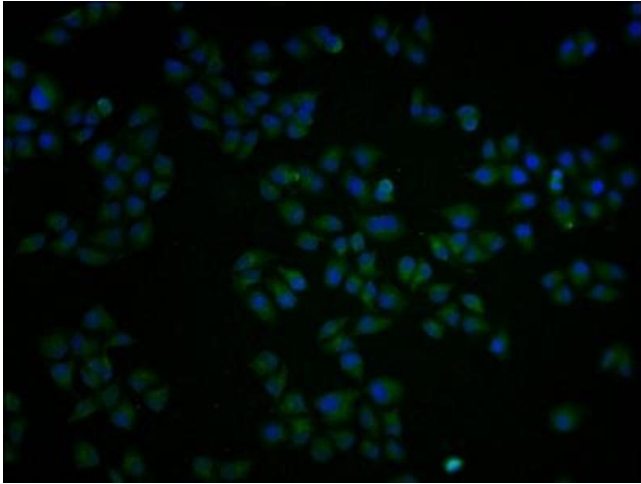
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

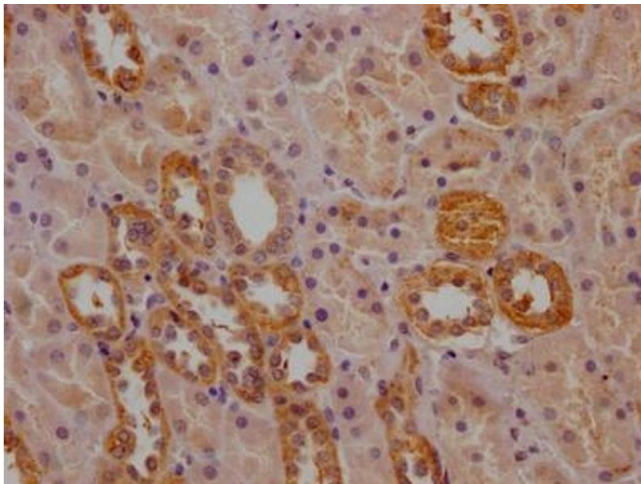
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7162877 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7162877 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.