

PCNT Rabbit Polyclonal Antibody

Catalog No: #54641

Package Size: #54641-1 50ul #54641-2 100ul

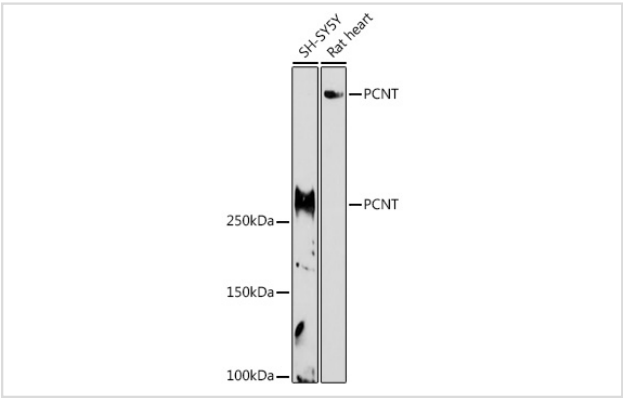
Description

Product Name	PCNT Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Rat
Immunogen Description	Recombinant protein of human PCNT.
Conjugates	Unconjugated
Other Names	KEN; PCN; MOPD2; PCNT2; PCNTB; PCTN2; SCKL4
Accession No.	Swiss Prot:O95613Gene ID:5116
Calculated MW	378kDa
SDS-PAGE MW	251KDa/378KDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

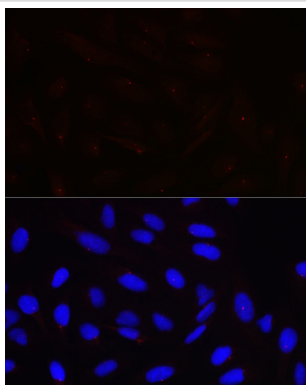
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using PCNT antibody.



Immunofluorescence analysis of U-2 OS cells using PCNT Rabbit pAb.

Background

The protein encoded by this gene binds to calmodulin and is expressed in the centrosome. It is an integral component of the pericentriolar material (PCM). The protein contains a series of coiled-coil domains and a highly conserved PCM targeting motif called the PACT domain near its C-terminus. The protein interacts with the microtubule nucleation component gamma-tubulin and is likely important to normal functioning of the centrosomes, cytoskeleton, and cell-cycle progression. Mutations in this gene cause Seckel syndrome-4 and microcephalic osteodysplastic primordial dwarfism type II. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.