

## PCNT rabbit pAb

## Cat No.:ES11924

For research use only

## Overview

Product Name	PCNT rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	IHC-p 1:50-300
Immunogen	Synthesized peptide derived from part region of
	human protein
Specificity	PCNT Polyclonal Antibody detects endogenous
	levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Pericentrin (Kendrin) (Pericentrin-B)
Gene Name	PCNT KIAA0402 PCNT2
<b>Cellular localization</b>	Cytoplasm, cytoskeleton, microtubule organizing
	center, centrosome . Centrosomal at all stages of the
	cell cycle. Remains associated with centrosomes
	following microtubule depolymerization. Colocalized
	with DISC1 at the centrosome.
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	366kD
Human Gene ID	5116
Human Swiss-Prot Number	O95613
Alternative Names	
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



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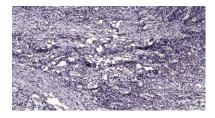
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motif called the PACT domain near its C-terminus. The protein interacts with the microtubule nucleation component gamma-tubulin and is likely important to normal functioning of the centrosomes, cytoskeleton, and cell-cycle progression. Mutations in 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. [provided by RefSeq, Oct 2015],

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).





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