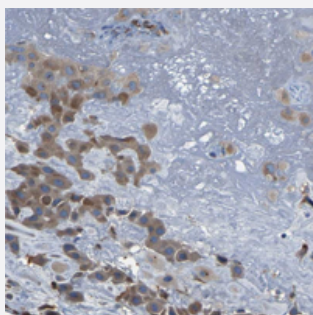


PCNT polyclonal antibody

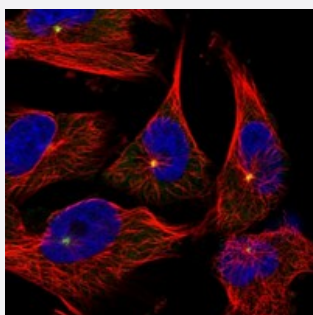
Catalog # PAB21254 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with PCNT polyclonal antibody (Cat # PAB21254) shows strong cytoplasmic positivity in Purkinje cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-251MG with PCNT polyclonal antibody (Cat # PAB21254) at 1-4 ug/mL dilution shows positivity in centrosome.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PCNT.
Immunogen	Recombinant protein corresponding to amino acids of human PCNT.
Sequence	MLDLSSWSSPEVLRKDWTLWPVTPHSGALSLCSADTSLGDRADTSLPQTQGPGLLCSP GVSAALALQWAESPPADDHHVQRTAVEKDVEDFITTSFDSQETLSSPPPGLEGKADRSEKSD GSG
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

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Gene Info — PCNT

Entrez GeneID	5116
Protein Accession#	O95613
Gene Name	PCNT
Gene Alias	KEN, MOPD2, PCN, PCNT2, PCNTB, PCTN2, SCKL4
Gene Description	pericentrin
Omim ID	605925
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

kendrin|pericentrin B|pericentrin-2|pericentrin-380

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Cerebral Amyloid Angiopathy](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuroblastoma](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)