

Rabbit anti-Human PCNT Polyclonal Antibody | anti-PCNT antibody

PCNT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243769	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

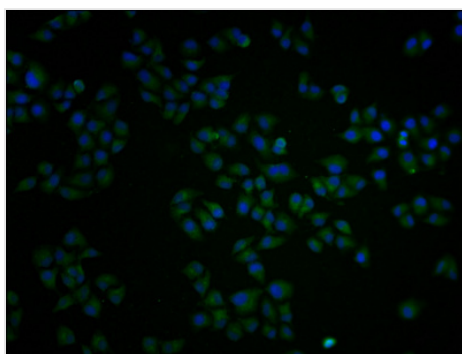
PRODUCT SYNONYMS

PCNT; Polyclonal Antibody; PCNT Antibody; Pericentrin (Kendrin) (Pericentrin-B); KIAA0402 PCNT2; anti-PCNT antibody

PRODUCT SPECIFICATIONS

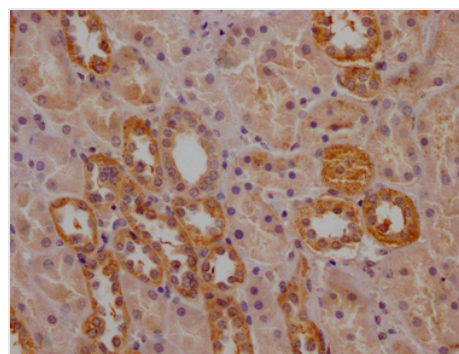
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Applicable Applications for anti-PCNT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Conjugation	Non-conjugated
Immunogen	Recombinant Human Pericentrin protein (250-600AA)
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-PCNT antibody	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, 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.
Product Categories/Family for anti-PCNT antibody	Others

NCBI AND UNIPROT INFORMATION

NCBI GI #	81295809
NCBI GeneID	5116
NCBI Accession #	NP_006022.3
NCBI GenBank Nucleotide #	NM_006031.5
UniProt Accession #	O95613; O43152; Q7Z7C9
Molecular Weight	378,037 Da
NCBI Official Full Name	pericentrin
NCBI Official Synonym Full Names	pericentrin
NCBI Official Symbol	PCNT
NCBI Official Synonym Symbols	KEN; PCN; MOPD2; PCNT2; PCNTB; PCTN2; SCKL4
NCBI Protein Information	pericentrin; kendrin; pericentrin B; pericentrin-2; pericentrin-B; pericentrin-380
UniProt Protein Name	Pericentrin
UniProt Gene Name	PCNT
UniProt Synonym Gene Names	KIAA0402; PCNT2
UniProt Entry Name	PCNT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcnt-antibody-immunofluorescence-immunohistochemistry-elisa/243769>