

Rabbit Pericentrin - Centrosome Marker Polyclonal Antibody | anti-PCNT antibody

Pericentrin - Centrosome Marker Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31164	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

Pericentrin - Centrosome Marker; Polyclonal Antibody; Pericentrin - Centrosome Marker Antibody; Centrosome Marker; Ken; Kendrin; KIAA0402; MOPD2; PCN; PCNT 2; PCNT; PCNT B; PCNT_HUMAN; PCNT1; PCNT2; PCNTB; PCTN2; Pericentrin 1; Pericentrin 2; Pericentrin 380; Pericentrin; Pericentrin B; Pericentrin-B; SCKL4; anti-PCNT antibody

PRODUCT SPECIFICATIONS

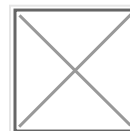
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Sequence Length	3336
Applicable Applications for anti-PCNT antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	IF/ICC: 1:100-1:500 WB: 1:500-1:2000 IHC: 1:50-1:200 The optimal dilutions should be determined by the end user. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human Pericentrin - Centrosome Marker, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA31164 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31164 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry-Paraffin)

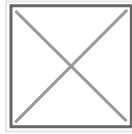
AAA31164 at 1/100 staining Human lung cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

**IHC (Immunohistochemistry-Paraffin)**

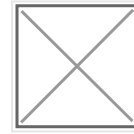
AAA31164 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

**IHC (Immunohistochemistry-Paraffin)**

AAA31164 at 1/100 staining Human ovarian cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

**IHC (Immunohistochemistry-Paraffin)**

AAA31164 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

**IHC (Immunohistochemistry-Paraffin)**

AAA31164 at 1/100 staining Mouse stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81295809
NCBI GeneID	5116
NCBI Accession #	NP_006022.3
NCBI GenBank Nucleotide #	NP_006022.3
UniProt Accession #	O95613
Molecular Weight	378kD
NCBI Official Full Name	pericentrin isoform 1
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
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/pericentrin-centrosome-marker-antibody-immunofluorescence-immunocytochemistry-western-blot-immunohistochemistry-elisa/31164>