

Anti-PCNT Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 367 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-PCNT Polyclonal Antibody, Unconjugated (TMAB-10079) 1: 200, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining |
| Application: | IHC-P,IHC-Fr,IF |
| Recommended | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human Pericentrin |
| Antigen Species: | Human |
| Gene ID: | 5116 |
| Uniprot ID: | O95613 |

Research 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. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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