

产品名称: PCNT Rabbit Polyclonal Antibody
产品货号: APRab15856



产品概述 (Summary)

产品名称 (Production Name)	PCNT Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC/IF
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PCNT
别名 (Alternative Names)	KIAA0402 PCNT2
基因 ID (Gene ID)	5116.0
蛋白 ID (SwissProt ID)	O95613.Synthesized peptide derived from part region of human protein

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:300, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	366kDa

研究背景 (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

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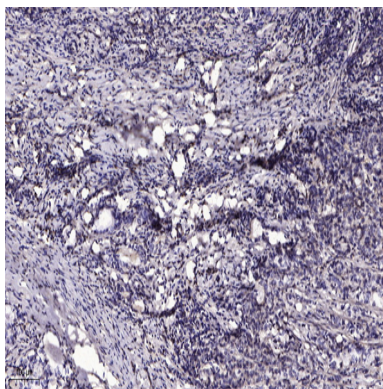


targeting motif called the PACT domain near its C-terminus. The protein interacts with the microtubule nucleation component gamma-tubulin and is likely important to normal functioning of the centrosomes, cytoskeleton, and cell-cycle progression. Mutations in this gene cause Seckel syndrome-4 and microcephalic osteodysplastic primordial dwarfism type II. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015],disease:Defects in PCNT are the cause of microcephalic osteodysplastic primordial dwarfism type 2 (MOPD2) [MIM:210720]; also known as osteodysplastic primordial dwarfism type 2. Adults with this rare inherited condition have an average height of 100 centimeters and a brain size comparable to that of a 3-month-old baby, but are of near-normal intelligence.,function:An integral component of the pericentriolar material (PCM),subcellular location:Centrosomal at all stages of the cell cycle. Remains associated with centrosomes following microtubule depolymerization.,subunit:Interacts with PCM1. Binds calmodulin.,tissue specificity:Expressed in all tissues tested, including placenta, liver, kidney and thymus.,

研究领域 (Research Area)

Cell Biology; Cell Cycle; Cell Division; Spindle; Tags & Cell Markers; Subcellular Markers; Organelles; Centrosome

图片 (Image Data)



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) .

注意事项 (Note)

For research use only .