

产品名称: Palladin Rabbit Polyclonal Antibody

产品货号: APRab15718

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	IHC, ICC/IF, ELISA
种属反应(Reactivity)	Human, Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
分子量(Molecular Weight)	150kDa

抗原信息(Antigen Information)

基因名(Gene Name)	PALLD
别名(Alternative Names)	PALLD; KIAA0992; CGI-151; Palladin; SIH002; Sarcoma antigen NY-SAR-77
基因 ID(Gene ID)	23022.0
SwissProt ID	Q8WX93
免疫原(Immunogen)	Synthesized peptide derived from Palladin . at AA range: 450-530

研究背景 (Background)

This gene encodes a cytoskeletal protein that is required for organizing the actin cytoskeleton. The protein is a component of actin-containing microfilaments, and it is involved in the control of cell shape, adhesion, and contraction. Polymorphisms in this gene are associated with a susceptibility to pancreatic cancer type 1, and also with a risk for myocardial infarction. Alternative

splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009],caution:Was wrongly assigned as myoneurin (Ref.2),disease:Genetic variations in PALLD are associated with susceptibility to pancreatic cancer type 1 (PNCA1) [MIM:606856]. Expression is increased early in the development of pancreatic cancer: in normal-appearing whole tissue immediately adjacent to cancer, in the pre-cancer, and in both the familial and sporadic forms of the cancer.,disease:Genetic variations in PALLD may be associated with myocardial infarction.,function:Cytoskeletal protein required for organization of normal actin cytoskeleton. Roles in establishing cell morphology, motility, cell adhesion and cell-extracellular matrix interactions in a variety of cell types. May function as a scaffolding molecule with the potential to influence both actin polymerization and the assembly of existing actin filaments into higher-order arrays. Binds to proteins that bind to either monomeric or filamentous actin. Localizes at sites where active actin remodeling takes place, such as lamellipodia and membrane ruffles. Different isoforms may have functional differences. Involved in the control of morphological and cytoskeletal changes associated with dendritic cell maturation. Involved in targeting ACTN to specific subcellular foci.,induction:Isoform 3 is expressed de novo and isoform 4 is up-regulated by TGF β 1 during myofibroblast differentiation.,miscellaneous:Protein is overexpressed in FA6, HPAF, IMIMPC2, SUIT2 and PATU2 sporadic pancreatic cancer cell lines.,PTM:Phosphorylated predominantly on serines and, to a lesser extent, on tyrosines (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the myotilin/palladin family.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Localizes to stress fibers and Z-disks. Cell junction, focal adhesion. Cell projection, ruffle. Cell projection, lamellipodium.,subunit:Interacts with EPS8, LASP1 and VASP (By similarity). Interacts with ACTN, ARGBP2, LPP, PFN1, SPIN90, SRC and EZR.,tissue specificity:Detected in both muscle and non-muscle tissues. High expression in prostate, ovary, colon, and kidney. Not detected in spleen, skeletal muscle, lung and peripheral blood lymphocytes (at protein level),.

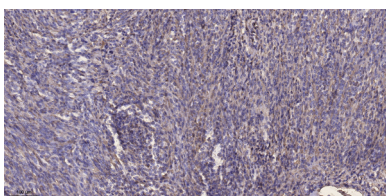
研究领域 (Research Area)

Tags & Cell Markers; Subcellular Markers; Cytoskeleton; Actin; Signal Transduction; Cytoskeleton / ECM; Microfilaments; Actin etc; Actin Crosslinking; Actin Binding Proteins; Actin Assembly

注意事项 (Note)

For research use only.

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 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) .

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>