

产品名称: PAI-1 Rabbit Polyclonal Antibody

产品货号: APRab15700

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse,Rat
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)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
分子量(Molecular Weight)	47kDa

抗原信息(Antigen Information)

基因名(Gene Name)	SERPINE1
别名(Alternative Names)	SERPINE1; PAI1; PLANH1; Plasminogen activator inhibitor 1; PAI; PAI-1; Endothelial plasminogen activator inhibitor; Serpin E1
基因 ID(Gene ID)	5054.0
SwissProt ID	P05121
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human PAI-1. AA range:266-315

研究背景 (Background)

This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of

tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],disease:Defects in SERPINE1 are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency) [MIM:173360]. This deficiency is characterized by abnormal bleeding due to SERPINE1 defect in the plasma.,disease:High concentrations of SERPINE1 have been associated with thrombophilia [MIM:188050]; an autosomal dominant disorder in which affected individuals are prone to develop serious spontaneous thrombosis.,function:This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, and protein C. Its rapid interaction with TPA may function as a major control point in the regulation of fibrinolysis.,online information:Plasminogen activator inhibitor-1 entry,PTM:Inactivated by proteolytic attack of the urokinase-type (u-PA) and the tissue-type (TPA), cleaving the 369-Arg-|-Met-370 bond.,similarity:Belongs to the serpin family.,subunit:Interacts with VTN. Binds LRP1B; binding is followed by internalization and degradation.,tissue specificity:Found in plasma and platelets and in endothelial, hepatoma and fibrosarcoma cells.,

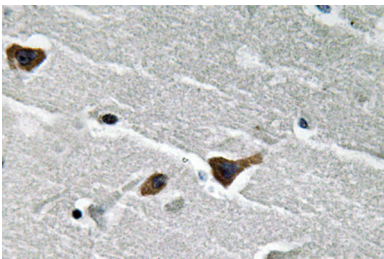
研究领域 (Research Area)

p53;Complement and coagulation cascades;

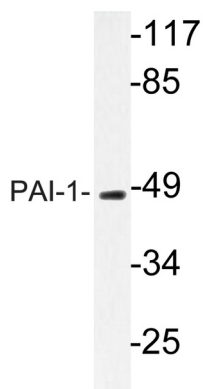
注意事项 (Note)

For research use only.

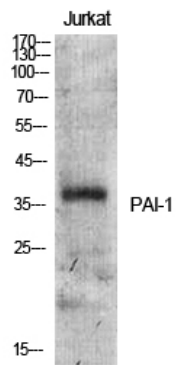
图片 (Image Data)



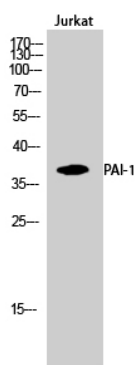
Immunohistochemistry analysis of PAI-1 antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from Jurkat cells, using PAI-1 antibody.



Western Blot analysis of various cells using PAI-1 Polyclonal Antibody



Western Blot analysis of Jurkat cells using PAI-1 Polyclonal Antibody

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

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