



Rabbit Anti-Human PAI1 monoclonal antibody, clone 7I3M4 (CABT-L1589)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	SERPINE1
Immunogen	Recombinant protein corresponding to amino acids 210-354 of human plasminogen activator inhibitor 1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	7I3M4
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

PAI (plasminogen activator inhibitor) belongs to serine protease inhibitor superfamily, and is the principal inhibitor of tissue-type and urokinase-type plasminogen activators (tPA and uPA). Platelets are the main source of the circulating PAI-1, but it is synthesized and secreted by many tissue and cell types, including fibroblasts, smooth muscle cells, endothelial cells, hepatocytes, and inflammatory cells. Expression of PAI-1 can be regulated at the transcriptional level by many factors including growth factors, cytokines, hormones, inflammatory factors, glucose or lipid metabolites, vascular tone regulating factors, chemicals, and other environmental or physical factors.

Keywords

SERPINE1;serpin peptidase inhibitor;clade E (nexin;plasminogen activator inhibitor type 1);member 1;PAI;PAI1;PAI-1;PLANH1;plasminogen activator inhibitor 1;serpin E1;endothelial plasminogen activator inhibitor;serine (or cysteine) proteinase inhibitor;clade E (nexin;plasminogen activator inhibitor type 1);member 1;anti-PAI-1

GENE INFORMATION

Entrez Gene ID

[5054](#)

UniProt ID

[P05121](#)