

Datasheet for ABIN7384366
anti-PAI1 antibody



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	PAI1 (SERPINE1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PAI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R07-2C3
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PAI1 (SERPINE1)
Alternative Name:	PAI1 (SERPINE1 Products)
Background:	Clade E,Endothelial plasminogen activator inhibitor,Nexin,PAI 1,PAI,PAI-1,PAI1,PLANH1,Plasminogen activator inhibitor 1,Plasminogen activator inhibitor type 1,Serine (or cysteine) proteinase inhibitor,Serine (or cysteine) proteinase inhibitor clade E (nexin plasminogen activator inhibitor type 1) member 1,Serpin E1,Serpin peptidase inhibitor clade E (nexin plasminogen activator inhibitor type 1) member 1,Serpin peptidase inhibitor clade

Target Details

E,Serpine 1,SERPINE1,SERPINE1,also named as Plasminogen activator inhibitor type 1 (PAI-1),is a member of the serine protease inhibitor (SERPIN) superfamily. PAI-1 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.

Molecular Weight: Observed_MW: 45kDa
Calculated_MW: 45kDa

Gene ID: 5054

UniProt: [P05121](#)

Pathways: [p53 Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Autophagy](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: WB 1:500-1:1000

Restrictions: For Research Use only

Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.