

Datasheet for ABIN954748

anti-PAI1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	PAI1 (SERPINE1)
Binding Specificity:	AA 187-216, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 187-216 amino acids from the Central region of Human SERPINE1 Genename: SERPINE1
Isotype:	Ig Fraction
Specificity:	Recognizes SERPINE1 (Center).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	PAI1 (SERPINE1)
Alternative Name:	SERPINE1 / PAI1 (SERPINE1 Products)
Background:	This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This

Target Details

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. Synonyms: Endothelial plasminogen activator inhibitor, PAI, PAI-1, PLANH1, Plasminogen Activator Inhibitor 1, Serpin E1

Gene ID: 5054

NCBI Accession: [NP_000593](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

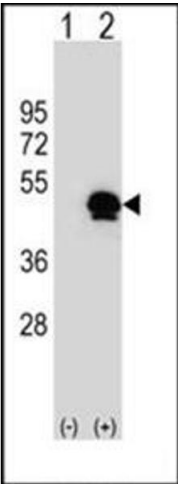
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of SERPINE1 (arrow) using SERPINE1 Antibody (Center) Cat.-No AP53862PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SERPINE1 gene.