

Datasheet for ABIN5539802

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

Overview

Quantity:	100 µg
Target:	PAI1 (SERPINE1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PAI1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PAI1 / SERPINE1, Biotinylated
Sequence:	GFKIDDKGMA PALRH.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PAI1 (SERPINE1)
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Target Details

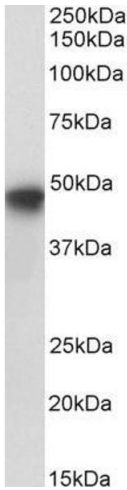
Alternative Name:	SERPINE1 (SERPINE1 Products)
Background:	SERPINE1, serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1, PAI, PAI-1, PAI1, PLANH1, endothelial plasminogen activator inhibitor, serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activato
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:	Western Blot: Approx 47 kDa band observed in lysates of cell line HepG2 (calculated MW of 45.1 kDa according to NP_000593.1). This molecular weight is routinely observed by other sources. See non-biotinylated parental product's datasheet for further QC data Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539802 (0.2µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.