

Datasheet for ABIN2782977
anti-PAI1 antibody (C-Term)



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1 Image 1 Publication

Overview

Quantity:	100 µL
Target:	PAI1 (SERPINE1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Pig, Dog, Cow, Sheep, Horse, Guinea Pig, Goat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SERPINE1
Sequence:	VNESGTVASS STAVIVSARM APEEIIMDRP FLFVVRHNPT GTVLFMGQVM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 85%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against SERPINE1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PAI1 (SERPINE1)
Alternative Name:	SERPINE1 (SERPINE1 Products)
Background:	SERPINE1 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. Alias Symbols: PAI, PAI-1, PAI1, PLANH1 Protein Interaction Partner: SGTB, UBQLN1, SGTA, NOS2, UBQLN4, PSMB1, PSMA3, UBC, LRP1B, ACTN4, LRP2, VTN, PLA1, MMP3, F2, PLAT, SERPINE1, PLG, KRT18, KLK2, IGFBP5, ORM1, ELANE, LRP1, Protein Size: 402
Molecular Weight:	43 kDa
Gene ID:	5054
NCBI Accession:	NM_000602 , NP_000593
UniProt:	P05121
Pathways:	p53 Signaling , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis , Autophagy , Smooth Muscle Cell Migration

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 402 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.

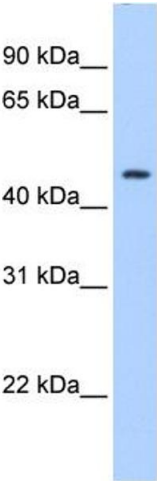
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Penco, Buscema, Patrosso, Marocchi, Grossi: "New application of intelligent agents in sporadic amyotrophic lateral sclerosis identifies unexpected specific genetic background." in: BMC bioinformatics , Vol. 9, pp. 254, (2008) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-SERPINE1 Antibody Titration:
0.2-1 ug/ml Positive Control: Transfected 293T