

Datasheet for ABIN7431935  
**anti-PAI1 antibody (AA 141-389)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	PAI1 (SERPINE1)
Binding Specificity:	AA 141-389
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Plasminogen Activator Inhibitor 1 (PAI1)
Immunogen:	Recombinant Plasminogen Activator Inhibitor 1 (PAI1) corresponding to Gln141~Pro389 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PAI1. It has been selected for its ability to recognize PAI1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

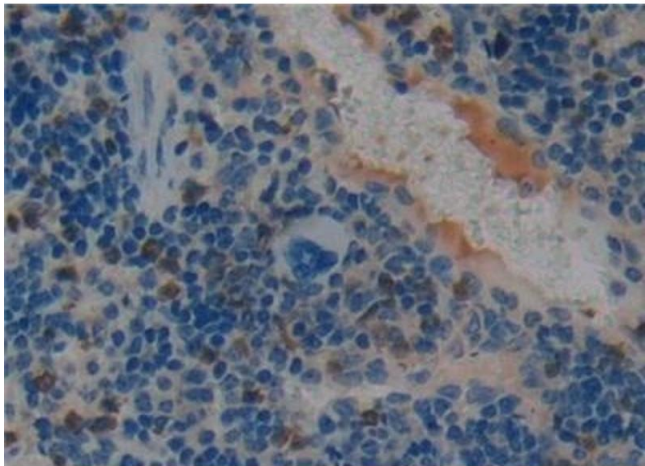
Target:	PAI1 (SERPINE1)
Alternative Name:	Plasminogen Activator Inhibitor 1 ( <a href="#">SERPINE1 Products</a> )
Background:	SERPINE1, PLANH1, Serpin Peptidase Inhibitor Clade E Member 1, Nexin, Plasminogen Activator Inhibitor Type 1 Serpin E1, Endothelial plasminogen activator inhibitor
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

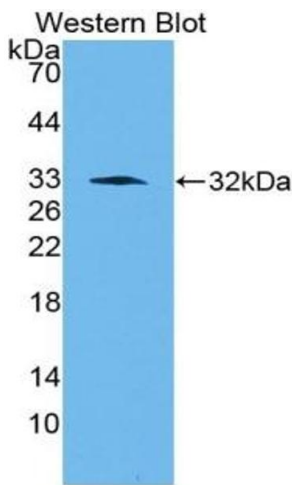
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



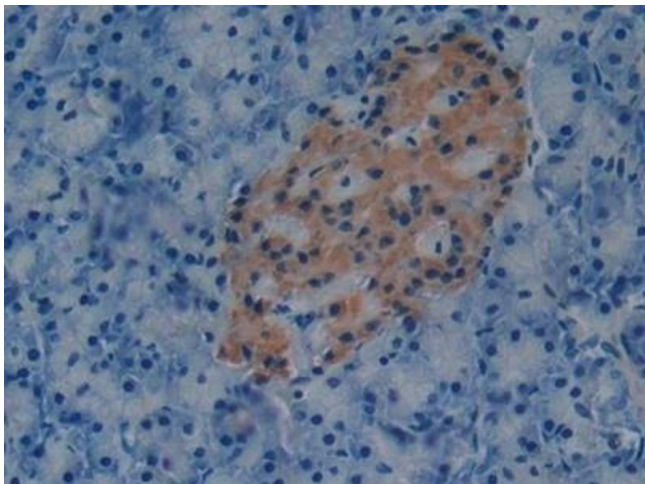
#### Immunohistochemistry

**Image 1.** Detection of PAI1 in Mouse Spleen Tissue using Polyclonal Antibody to Plasminogen Activator Inhibitor 1 (PAI1)



#### Western Blotting

**Image 2.** Detection of Recombinant PAI1, Mouse using Polyclonal Antibody to Plasminogen Activator Inhibitor 1 (PAI1)



#### Immunohistochemistry

**Image 3.** Detection of PAI1 in Mouse Pancreas Tissue using Polyclonal Antibody to Plasminogen Activator Inhibitor 1 (PAI1)