

Datasheet for ABIN5662373
anti-PAI1 antibody (AA 25-402)



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3 Images

Overview

Quantity:	100 µL
Target:	PAI1 (SERPINE1)
Binding Specificity:	AA 25-402
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Plasminogen Activator Inhibitor 1 (PAI1)
Immunogen:	Recombinant Plasminogen Activator Inhibitor 1 (PAI1) corresponding to N-terminal His Tag
Clone:	C6
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PAI1. It has been selected for its ability to recognize PAI1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

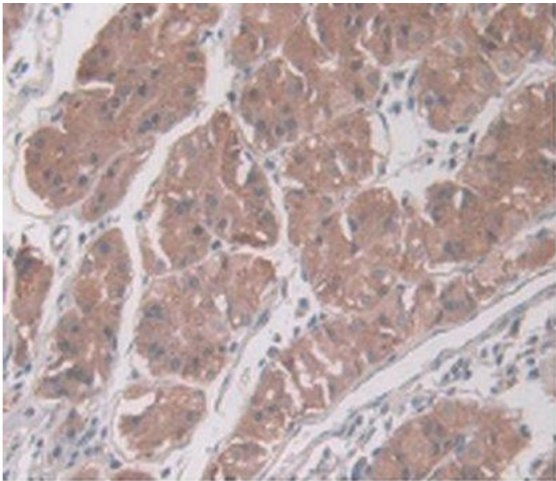
Target:	PAI1 (SERPINE1)
Alternative Name:	PAI1 (SERPINE1 Products)
Background:	SERPINE1, PLANH1, Serpin Peptidase Inhibitor Clade E Member 1, Nexin, Plasminogen Activator Inhibitor Type 1 Serpin E1, Endothelial plasminogen activator inhibitor
UniProt:	P05121
Pathways:	p53 Signaling , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis , Autophagy , Smooth Muscle Cell Migration

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL, Immunohistochemistry: 5-30 µg/mL, Immunocytochemistry: 5-30 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

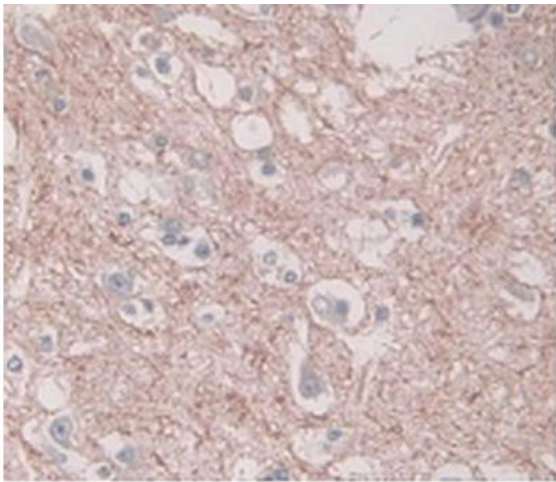
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
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



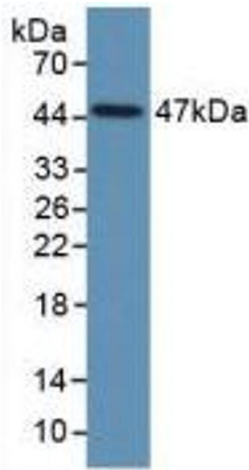
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. DAB staining on IHC-P Samples:Human Stomach Tissue)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. DAB staining on IHC-P; Samples:Human Brain Tissue)



Western Blotting

Image 3. Western Blot; Sample: Recombinant PAI1, Human.