

# IHC*easy* SERPINE1 Ready-To-Use IHC Kit

Catalog Number: **KHC0461**

## General Information

Sample type:  
FFPE tissue

Cited sample type:

Reactivity:  
Human

Cited Reactivity:

Assay type:  
Immunohistochemistry

Primary antibody type:  
Rabbit Polyclonal

Secondary antibody type:  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

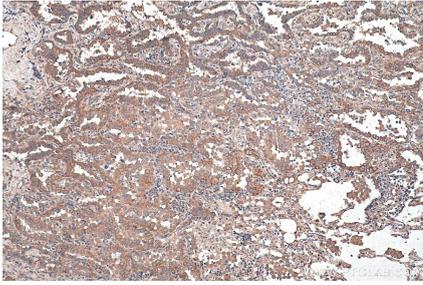
## Background

SERPINE1, also named as Plasminogen activator inhibitor type 1 (PAI-1), is a member of the serine protease inhibitor (SERPIN) superfamily. PAI-1 is the principal inhibitor of tPA and 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.

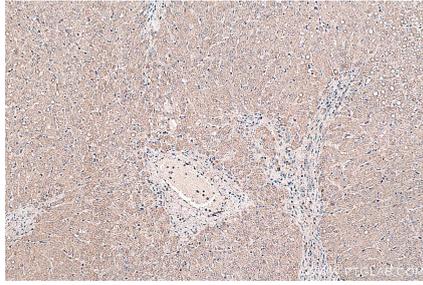
## Synonyms

PAI, PAI 1, PAI1, PAI-1, PLANH1, Serpin E1, SERPINE1, PAI-1

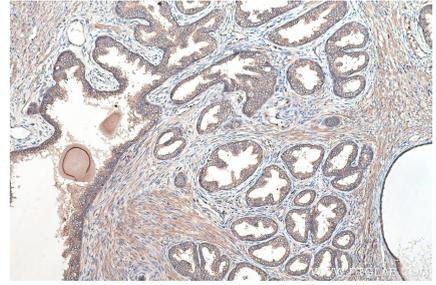
## Selected Validation Data



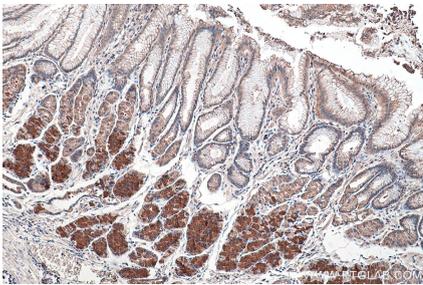
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0461 (SERPINE1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0461 (SERPINE1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC0461 (SERPINE1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer (NAT) tissue slide using KHC0461 (SERPINE1 IHC Kit).