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**Product Name: PAI1 Rabbit Monoclonal Antibody****Catalog #: AMRe87591**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC/IF 1:100-1:200,FC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:45 kDa; Observed MW:45 kDa

**Antigen Information**

<b>Gene Name</b>	PAI1
<b>Alternative Names</b>	PAI; PAI1; PAI-1; PLANH1
<b>Gene ID</b>	5054
<b>SwissProt ID</b>	P05121
<b>Immunogen</b>	Recombinant protein of mouse PAI1

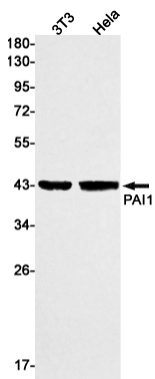
**Background**

This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

## Research Area

## Image Data



Western blot detection of PAI1 in 3T3, HeLa cell lysates using PAI1 antibody (1:1000 diluted).