

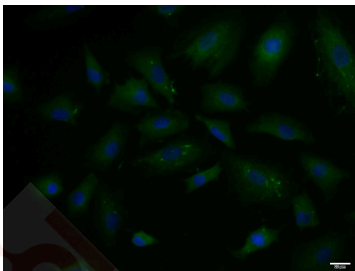
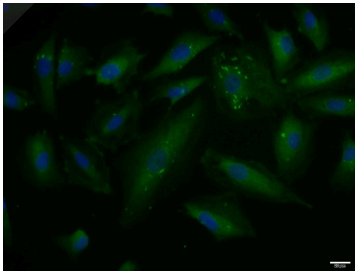
Anti-PAI-1 Polyclonal Antibody

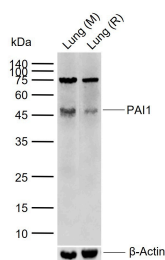
Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse, Rat (predicted: Dog, Pig, Cow, Rabbit, Sheep)
Molecular Weight:	Theoretical: 43 kDa. Actual: 46 kDa.
Purification:	Protein A purified

Applications

1. A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (PAI1) polyclonal Antibody, Unconjugated (TMAB-01327) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nucleus.
2. A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (PAI1) polyclonal Antibody, Unconjugated (TMAB-01327) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nucleus.
3. Sample:
Lane 1: Mouse Lung tissue lysates
Lane 2: Rat Lung tissue lysates
Primary: Anti-PAI1 (TMAB-01327) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kDa
Observed band size: 46 kDa





Application: ICC/IF,WB

Recommended ICC/IF=1:100-500; WB=1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human PAI-1

Antigen Species: Human

Gene ID: 5054

Uniprot ID: P05121

Synonyms: serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; PAI-1;PAI1;PLANH1;SERPINE1;PAI

Research Background

PAI1 (plasminogen activator inhibitor 1) is originally cloned from human endothelial cell (Pannekoek 1986, Ginsburg 1986) and rat hepatoma cell 3 cDNA libraries. As a member of the serpin family of serine protease inhibitors, PAI1 inhibits both tissue type plasminogen activator (tPA) and urokinase type plasminogen activator (uPA). High PAI1 levels are associated with an increased risk of thromboembolic disease while PAI1 deficiency may represent an inherited autosomal recessive bleeding disorder.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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