

**bs-1704R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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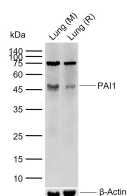
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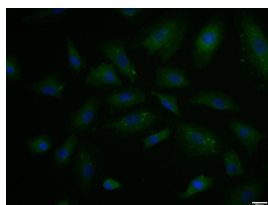
400-901-9800

**PAI1 Rabbit pAb****— DATASHEET —**

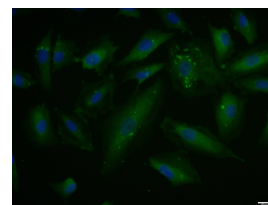
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ICC/IF</b> (1:100)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 5054	<b>SWISS:</b> P05121	<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Dog)
<b>Target:</b> PAI1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PAI-1: 301-402/402.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 43 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Lung tissue lysates Lane 2: Rat Lung tissue lysates  
 Primary: Anti-PAI1 (bs-1704R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 43 kDa  
 Observed band size: 46 kDa



A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (PAI1) polyclonal Antibody, Unconjugated (bs-1704R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



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**— SELECTED CITATIONS —**

- **[IF=5.7]** Lili Yang, et al. HerbalHuoXueTongFuFormula with anti-inflammatory and fibrinolytic activity regulation for the prevention of postoperative peritoneal adhesions. FRONTIERS IN IMMUNOLOGY. 2025 Jan 23;15:1510766. ;Mouse. 39916958
- **[IF=0.826]** Keiko M et al. Cultured Neonatal Rat Cardiomyocytes Continue Beating Through Upregulation of CTGF Gene Expression J Nippon Med Sch. 2020;87(5):268-276. WB ;Rat. 33311008