

## Anti-Factor X Rabbit pAb



WL02873

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Factor X Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:200
<b>Cellular localization</b>	Secreted and Cell membrane	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background**

Factor X, also known by the eponym Stuart–Prower factor, is an enzyme of the coagulation cascade. It is a serine endopeptidase. Factor X is synthesized in the liver and requires vitamin K for its synthesis. Factor X is activated, by hydrolysis, into factor Xa by both factor IX and factor VII with its cofactor, tissue factor. The mature form of Factor X (Factor Xa) is generated by Factor IXa- or Factor VIIa-mediated cleavage at the tripeptide sequence, Arg-Lys-Arg, to yield a disulfide linked dimer. Together with the cofactor Factor Va and Ca<sup>2+</sup> on the surface of platelets or endothelial cells, Factor Xa coordinates as part of the prothrombinase complex, which mediates proteolysis of Prothrombin into active Thrombin.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Factor X.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

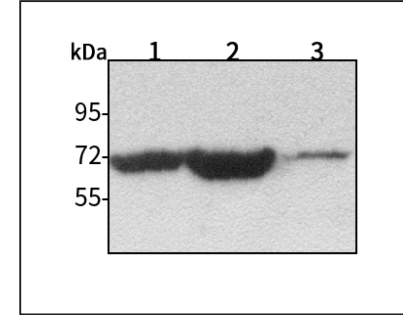
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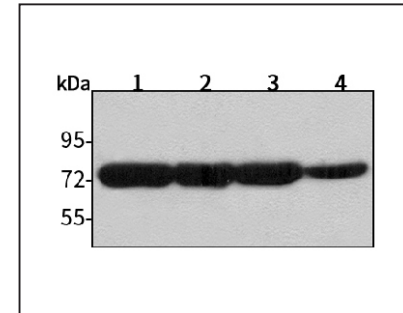
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## Product Images



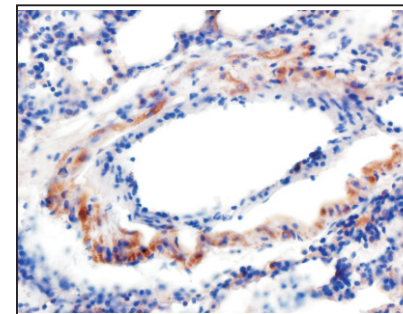
## Western blot-Anti-Factor X pAb

Lane 1: Human MGC-803 cell lysate  
 Lane 2: Human SGC-7901 cell lysate  
 Lane 3: Human MCF-7 cell lysate  
 Lane 4: Human HEK-293 cell lysate  
 All lanes: Anti-Factor X at 1:500 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 54 kDa  
 Observed band size: 74 kDa



## Western blot-Anti-Factor X pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat liver tissue lysate  
 Lane 4: Rat brain tissue lysate  
 All lanes: Anti-Factor X at 1:500 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 54 kDa  
 Observed band size: 74 kDa



## Immunohistochemistry-Anti-Factor X pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-Factor X Rabbit Antibody at 1:100 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

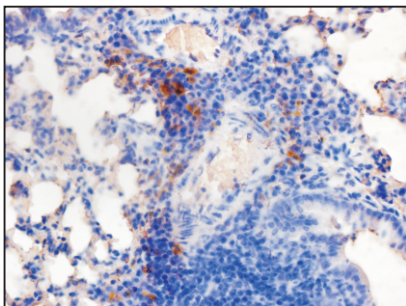
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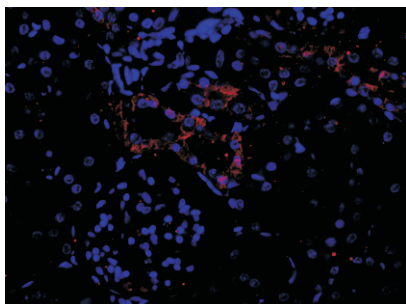
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### Immunohistochemistry-Anti-Factor X pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-Factor X Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



### Immunofluorescence-Anti-Factor X pAb

Immunofluorescence analysis of paraffin-embedded rat kidney using anti-factor X Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0