

# SERPINB2 Polyclonal Antibody

Catalog Number:E-AB-40447

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

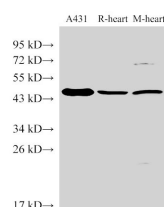
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Mouse Plasminogen activator inhibitor 2, macrophage protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

## Applications Recommended Dilution

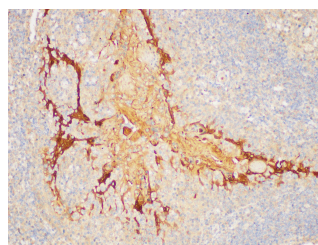
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

## Data

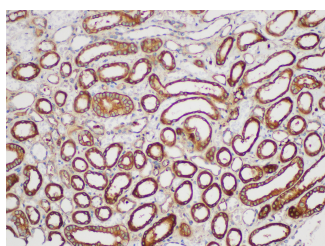


Western Blot analysis of 1)A431, 2)Rat heart,  
3)Mouse heart using SERPINB2 Polyclonal Antibody  
at dilution of 1:1000

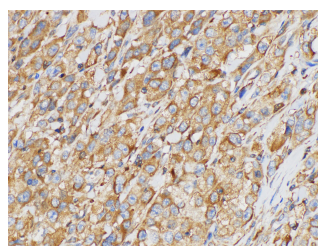
**Observed Mw:46 kDa**  
**Calculated Mw:46 kDa**



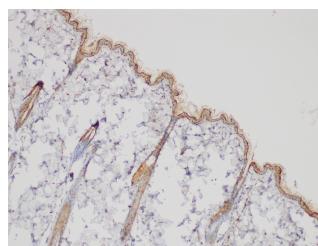
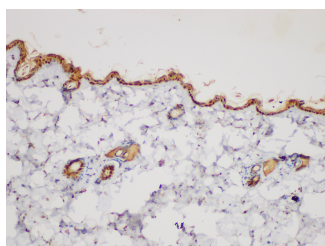
Immunohistochemistry of paraffin-embedded  
Human tonsil using SERPINB2 Polyclonal Antibody  
at dilution of 1:200



Immunohistochemistry of paraffin-embedded  
Human kidney using SERPINB2 Polyclonal  
Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded  
Human esophageal squamous carcinomas using  
SERPINB2 Polyclonal Antibody at dilution of 1:200



## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Tel: 400-999-2100

Email: [techsupport@elabscience.cn](mailto:techsupport@elabscience.cn)

Web: [www.elabscience.cn](http://www.elabscience.cn)

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Immunohistochemistry of paraffin-embedded Mouse skin using SERPINB2 Polyclonal Antibody at dilution of 1:200

Immunohistochemistry of paraffin-embedded Rat skin using SERPINB2 Polyclonal Antibody at dilution of 1:200

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Plasminogen activator inhibitor-2 (placental PAI) is a coagulation factor that inactivates tPA and urokinase. It is present in most cells, especially monocytes/macrophages. PAI-2 exists in two forms, a 60-kDa extracellular glycosylated form and a 43-kDa intracellular form. It is present only at detectable quantities in blood during pregnancy, as it is produced by the placenta, and may explain partially the increased rate of thrombosis during pregnancy.

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