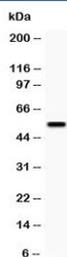


## TFPI Antibody / Tissue factor pathway inhibitor (R30896)

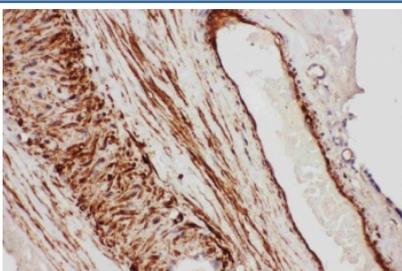
Catalog No.	Formulation	Size
R30896	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

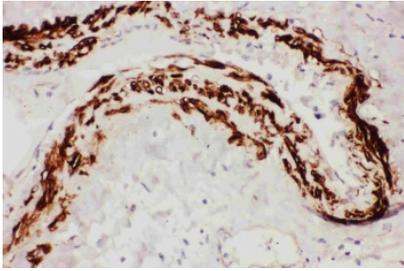
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P10646
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This TFPI antibody is available for research use only.



Western blot testing of TFPI antibody and SMMC-7721 lysate; Predicted/observed molecular weight: 35/40-50kDa.



IHC staining of FFPE human placental tissue with TFPI antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.



IHC staining of FFPE human lung cancer tissue with TFPI antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.

## Description

Tissue factor pathway inhibitor, also known as EPI, LACI, TFI and TFPT1 is a single-chain polypeptide which can reversibly inhibit Factor Xa (Xa) and Thrombin (Factor IIa). While Xa is inhibited, the Xa-TFPI complex can subsequently also inhibit the FVIIa-tissue factor complex. TFPI contributes significantly to the inhibition of Xa in vivo, despite being present at concentrations of only 2.5 nM. The gene is located on chromosome 2q31-q32.1, and has nine exons which span 70 kb. TFPI has a relative molecular mass of 34,000 to 40,000 depending on the degree of proteolysis of the C-terminal region.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TFPI antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 261-280 (QECLRACKKGFQIRISKGGL-human) were used as the immunogen for this TFPI antibody.

## Storage

After reconstitution, the TFPI antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.