

TFPI Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10276**Specification**

TFPI Antibody - Product Information

Application	WB
Primary Accession	P10646
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35015

TFPI Antibody - Additional Information**Gene ID** 7035

Positive Control	Jurkat cell lysate
Application & Usage	Western blotting (0.5-4 µg/ml).
Other Names	
Tissue factor pathway inhibitor, TFPI, Extrinsic pathway inhibitor, EPI, Lipoprotein-associated coagulation inhibitor, LACI	

Target/Specificity

TFPI

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) immunoaffinity purified rabbit anti-TFPI polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TFPI Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TFPI Antibody - Protein Information

Name TFPI

Synonyms LACI, TFPI1

Function

Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa/tissue factor activity, presumably by forming a quaternary Xa/LACI/VIIa/TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma.

Cellular Location

[Isoform Alpha]: Secreted.

Tissue Location

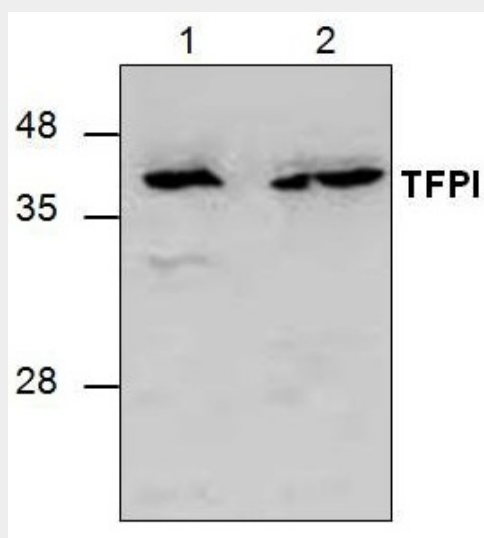
Mostly in endothelial cells.

TFPI Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TFPI Antibody - Images



Western blot analysis of TFPI with Jurkat cell lysate (Lane 1 & 2).

TFPI Antibody - Background

TFPI is also known as lipoprotein-associated coagulation inhibitor (LACI). TFPI encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. The coagulation process initiates the formation of factor VIIa-TF complex, which proteolytically activates additional proteases and this leads to the formation of a fibrin clot. The encoded protein is glycosylated and primarily found in the vascular endothelium and plasma.