

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

 $100~\mu g$ (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

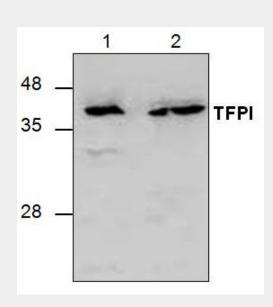
Mostly in endothelial cells.

TFPI Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFPI Antibody - Images



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

TFPI Antibody - Background





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TFPI is also known as lipoproteinassociated 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.