

Product datasheet

Anti-TFPI antibody ab180619

[3 References](#) [5 Images](#)

Overview

Product name	Anti-TFPI antibody
Description	Rabbit polyclonal to TFPI
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human TFPI aa 29-224. Sequence: DSEEDEEHTIITDTELPPLKLMHSFCAFKADDGPCKAIMKR FFFNIFTRQ CEEFYGGCEGNQNRFESELEECKKMCTRDNANRIIKTTLQ QEKPDFCFLE EDPGICRGYTRYFYNNQTKQCERFKYGGCLGNMNNFETL EECKNICEDG PNGFQVDNYGTQLNAVNNSLTPQSTKVPSLFEFHGPSWC LTPADRG

Database link: [P10646](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control HepG2 and HeLa cell line extracts.

General notes The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

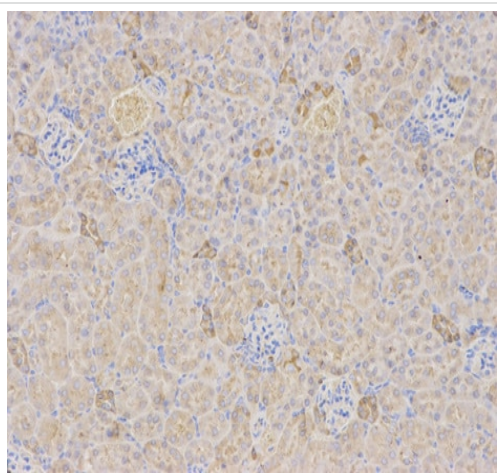
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab180619 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 35 kDa.
IHC-P		1/50 - 1/200. ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		Use at an assay dependent concentration.

Target

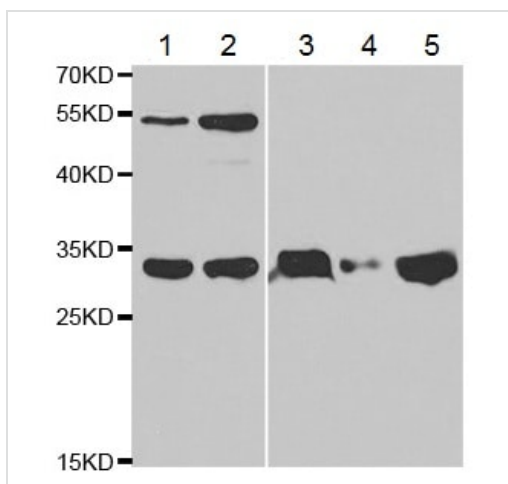
Function	Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa/tissue factor activity, presumably by forming a quaternary Xa/LACI/VIIa/TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma.
Tissue specificity	Mostly in endothelial cells.
Sequence similarities	Contains 3 BPTI/Kunitz inhibitor domains.
Domain	This inhibitor contains three inhibitory domains. The first domain interacts with VIIa and TF, the second one with Xa.
Post-translational modifications	O-glycosylated.
Cellular localization	Secreted.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TFPI antibody (ab180619)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse kidney tissue labelling TFPI with ab180619 at 1/100. Magnification: 200x.



Western blot - Anti-TFPI antibody (ab180619)

All lanes : Anti-TFPI antibody (ab180619) at 1/500 dilution

Lane 1 : 293T cell lysate

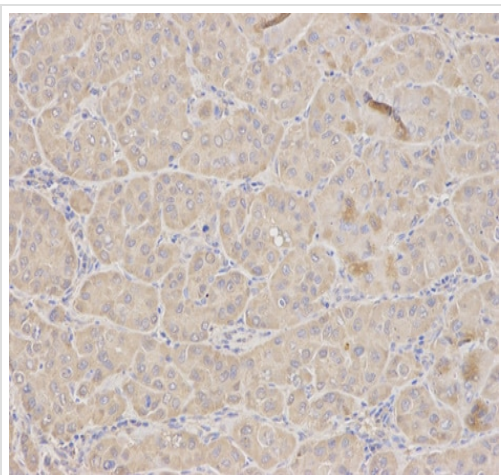
Lane 2 : MCF-7 cell lysate

Lane 3 : Mouse lung tissue lysate

Lane 4 : Mouse heart tissue lysate

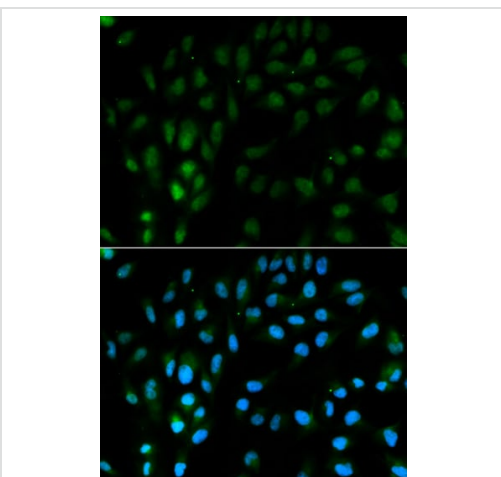
Lane 5 : Mouse spleen tissue lysate

Predicted band size: 35 kDa



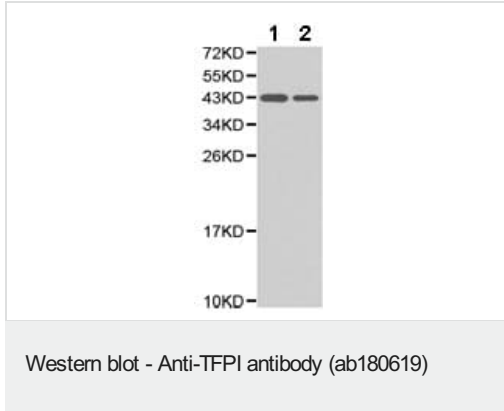
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human liver cancer tissue labelling TFPI with ab180619 at 1/100. Magnification: 200x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TFPI antibody (ab180619)



Immunocytochemistry/Immunofluorescence analysis of MCF7 cells using ab180619. Blue DAPI for nuclear staining.

Immunocytochemistry/ Immunofluorescence - Anti-TFPI antibody (ab180619)



All lanes : Anti-TFPI antibody (ab180619) at 1/500 dilution

Lane 1 : HepG2 cell line extract

Lane 2 : HeLa cell line extract

Predicted band size: 35 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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