

Product datasheet

Anti-TFPI antibody ab181392

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Overview

Product name	Anti-TFPI antibody
Description	Rabbit polyclonal to TFPI
Host species	Rabbit
Specificity	At least two isoforms of TFPI are known to exist; ab181392 will detect both isoforms.
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Rat
Immunogen	Synthetic peptide corresponding to Human TFPI (N terminal). NP_006278. Database link: P10646
Positive control	Rat small intestine tissue and tissue lysate.
General notes	<p>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.</p> <p>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</p>

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: 7.2 Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181392 in the following tested applications.

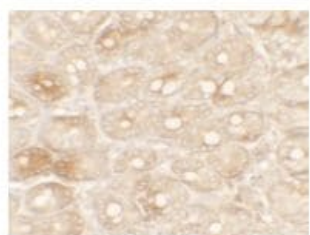
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 29, 35 kDa).
ICC/IF		Use a concentration of 20 µg/ml.

Target

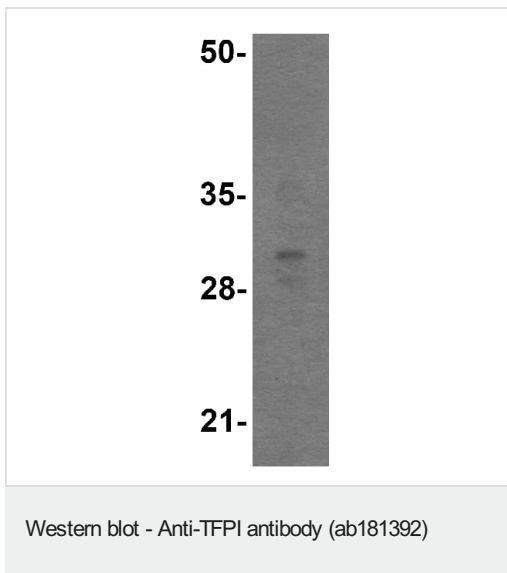
Function	Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa/tissue factor activity, presumably by forming a quaternary Xa/LACI/VIIa/TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma.
Tissue specificity	Mostly in endothelial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



Immunohistochemical analysis of rat small intestine tissue labeling TFPI with ab181392 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TFPI antibody (ab181392)



Anti-TFPI antibody (ab181392) at 1 µg/ml + Rat small intestine tissue lysate at 15 µg

Predicted band size: 29, 35 kDa



Immunofluorescent analysis of rat small intestine tissue labeling TFPI with ab181392 at 20 µg/ml.

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

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