

Product datasheet

Anti-TFPI antibody ab181392

3 Images

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.

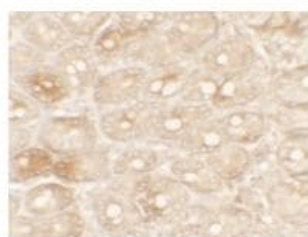
Post-translational modifications

O-glycosylated.

Cellular localization

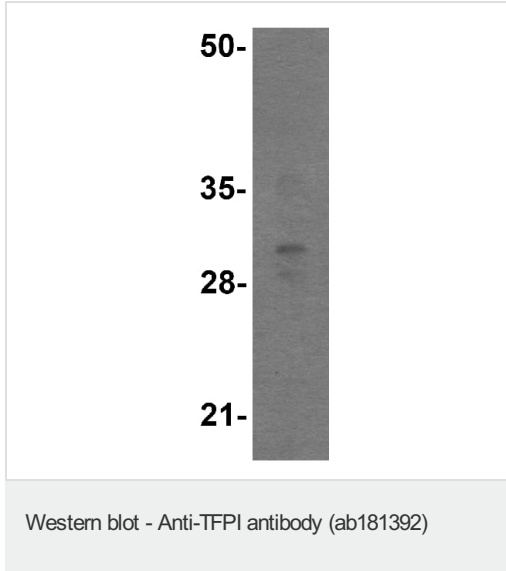
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Images



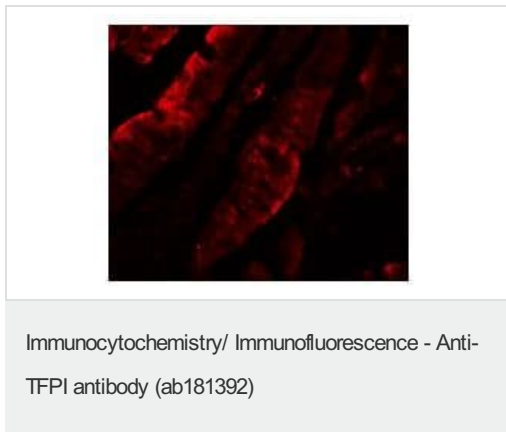
Immunohistochemical analysis of rat small intestine tissue labeling TFPI with ab181392 at 5 µg/ml.

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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