

Anti-TFPI Antibody Picoband®

Catalog Number: PA1798

About TFPI

TFPI (Tissue factor pathway inhibitor) also known as EPI, LACI, TFI and TFPT1 is a single-chain polypeptide which can reversibly inhibit Factor Xa (Xa) and Thrombin (Factor IIa). While Xa is inhibited, the Xa-TFPI complex can subsequently also inhibit the FVIIa-tissue factor complex. TFPI contributes significantly to the inhibition of Xa in vivo, despite being present at concentrations of only 2.5 nM. The gene for TFPI is located on chromosome 2q31-q32.1, and has nine exons which span 70 kb. TFPI has a relative molecular mass of 34,000 to 40,000 depending on the degree of proteolysis of the C-terminal region.

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Overview

Product Name	Anti-TFPI Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-TFPI Antibody catalog # PA1798. Tested in IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10646

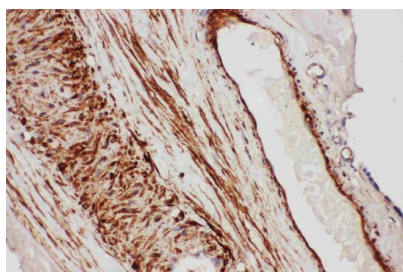
Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TFPI.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

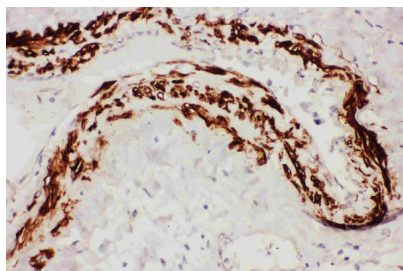
Anti-TFPI Antibody Picoband® (PA1798) Images



Anti-TFPI antibody, PA1798, Western blotting All lanes: Anti TFPI (PA1798) at 0.5ug/ml WB: SMMC Whole Cell Lysate at 40ug Predicted bind size: 26KD Observed bind size: 55KD



Anti-TFPI antibody, PA1798, IHC(P) IHC(P): Human Placenta Tissue



Anti-TFPI antibody, PA1798, IHC(P) IHC(P): Human Lung Cancer Tissue

Anti-TFPI Antibody

For Research Use Only. Not for use in diagnostic procedures.