BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-TFPI Antibody

**Catalog Number:** A01052-1

## About TFPI

Tissue factor pathway inhibitor (TFPI), also known as lipoprotein-associated coagulation inhibitor, is a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation (1). TFPI is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. TFPI inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop (1).

## Submit a product review to Biocompare.com




Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

## Overview

| | |
|---|---|
| Product Name | Anti-TFPI Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-TFPI Antibody (Catalog # A01052-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | TFPI Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | TFPI antibody can be stored at 4°C, stable for up to one year. |
| Host | Rabbit |
| Uniprot ID | P10646 |

## Technical Details

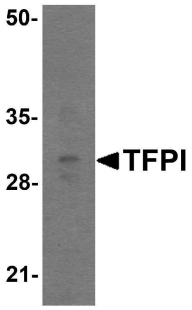
| | |
|---|---|
| Immunogen | TFPI antibody was raised against a 13 amino acid peptide near the amino terminus of human TFPI. The immunogen is located within amino acids 70 - 120 of TFPI. |
| Predicted Reactive Species | Rabbit |
| Cross Reactivity | TFPI antibody is human, mouse and rat reactive. At least two isoforms of TFPI are known to exist; this antibody will detect both isoforms. |

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

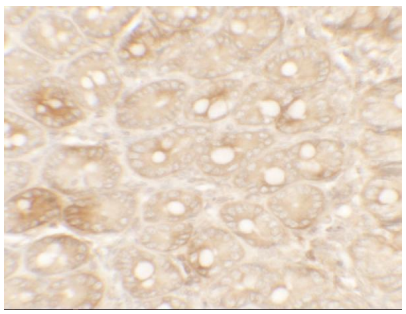
| | |
|---|---|
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | TFPI Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | TFPI antibody can be used for detection of TFPI by Western blot at 1 - 2 ug/mL.<br>Antibody validated: Western Blot in rat samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

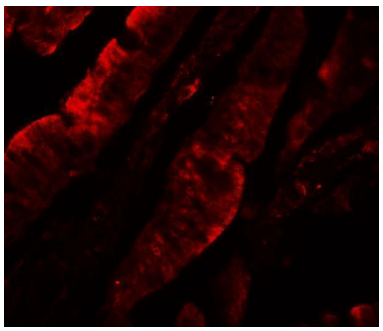
# Anti-TFPI Antibody (A01052-1) Images




Western blot analysis of TFPI in rat small intestine tissue lysate with TFPI antibody at 1 ug/mL.



Immunohistochemistry of TFPI in rat small intestine tissue with TFPI antibody at 5 ug/mL.



Immunofluorescence of TFPI in rat small intestine tissue with TFPI antibody at 20 ug/mL.



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