

TFPI Antibody

Catalog No: #32350

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Description

Product Name	TFPI Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total TFPI protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TFPI.
Target Name	TFPI
Other Names	EPI; LACI; TFI; TFPI1;
Accession No.	Swiss-Prot:P10646NCBI Gene ID:7035
SDS-PAGE MW	35KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

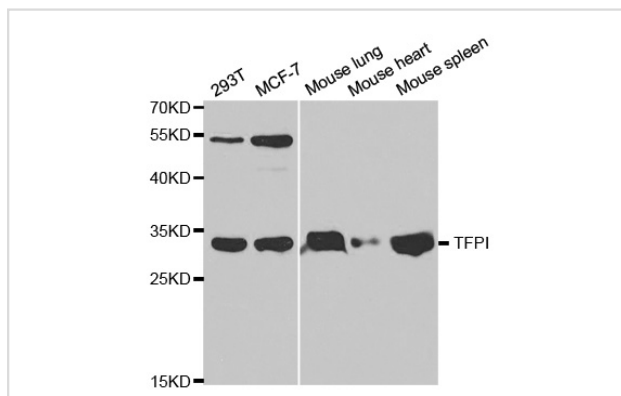
Application Details

Western blotting: 1:500 - 1:2000

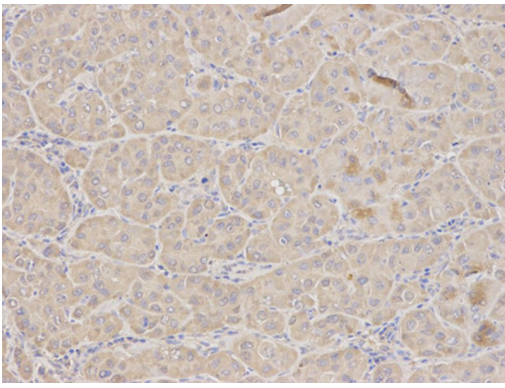
Immunohistochemistry: 1:50 - 1:100

Immunofluorescence: 1:50 - 1:200

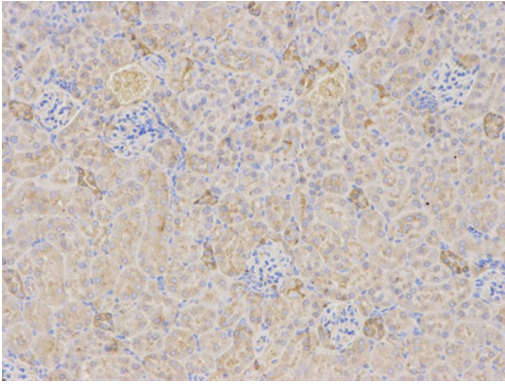
Images



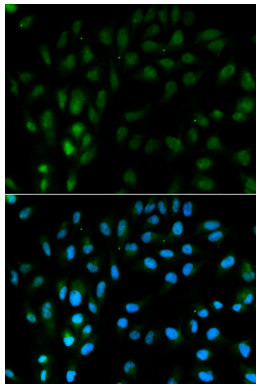
Western blot analysis of extracts of various cell lines, using TFPI antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer using TFPI antibody at dilution of 1:100 (200x lens).



Immunohistochemical analysis of paraffin-embedded mouse kidney using TFPI antibody at dilution of 1:100 (200x lens).



Immunofluorescence analysis of MCF7 cell using TFPI antibody. Blue: DAPI for nuclear staining.

Background

This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. 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. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been confirmed.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.