

Rabbit TFPI Polyclonal Antibody | anti-TFPI antibody

TFPI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308120	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

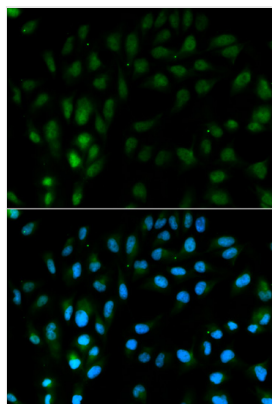
PRODUCT SYNONYMS

TFPI; Polyclonal Antibody; TFPI Antibody; EPI; LACI; TFI; TFPI1; anti-TFPI antibody

PRODUCT SPECIFICATIONS

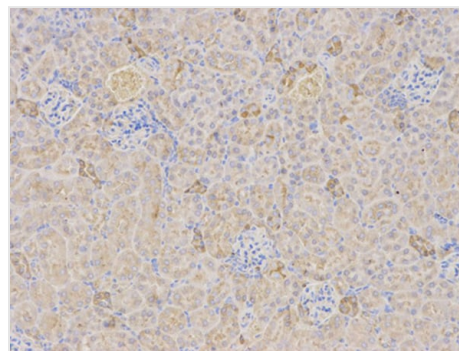
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TFPI protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	251
Applicable Applications for anti-TFPI antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TFPI.
Target Name	TFPI
Preparation and Storage	Store at -20 degree C

IMAGES



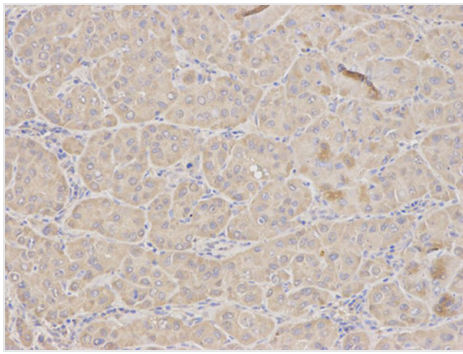
IF (Immunofluorescence)

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



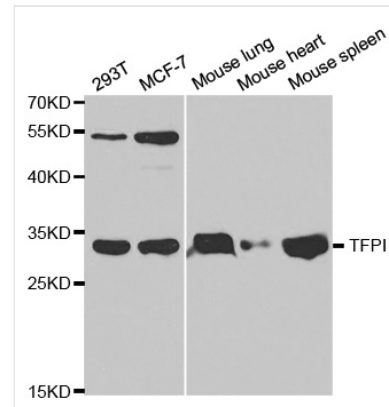
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TFPI antibody	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.
Product Categories/Family for anti-TFPI antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73760409
NCBI GeneID	7035
NCBI Accession #	NP_001027452.1
NCBI GenBank Nucleotide #	NM_001032281.2
UniProt Accession #	P10646; O95103; Q53TS4
Molecular Weight	28,653 Da
NCBI Official Full Name	tissue factor pathway inhibitor isoform b
NCBI Official Synonym Full Names	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
NCBI Official Symbol	TFPI
NCBI Official Synonym Symbols	EPI; TFI; LACI; TFPI1
NCBI Protein Information	tissue factor pathway inhibitor
UniProt Protein Name	Tissue factor pathway inhibitor
UniProt Gene Name	TFPI
UniProt Synonym Gene Names	LACI; TFPI1; TFPI; EPI; LACI
UniProt Entry Name	TFPI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

