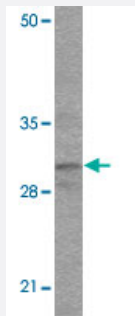


TFPI polyclonal antibody

Catalog # PAB27453 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TFPI in rat small intestine tissue with TFPI polyclonal antibody (Cat # PAB27453) at 1 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TFPI.
Immunogen	A synthetic peptide corresponding to 13 amino acids at N-terminus of human TFPI.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	TFPI antibody is human, mouse and rat reactive. At least two isoforms of TFPI are known to exist; this antibody will detect both isoforms.
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)

Storage Instruction

Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of TFPI in rat small intestine tissue with TFPI polyclonal antibody (Cat # PAB27453) at 1 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TFPI

Entrez GeneID
[7035](#)
Protein Accession#
[NP_006278](#)
Gene Name

TFPI

Gene Alias

EPI, LACI, TFI, TFPI1

Gene Description

tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)

Omim ID
[152310](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000163472|anti-converting|extrinsic pathway inhibitor|lipoprotein-associated coagulation inhibitor|tissue factor pathway inhibitor

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Antiphospholipid Syndrome](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Brain Ischemia](#)
- [Cadaver](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Inflammation](#)
- [Ischemic Attack](#)
- [Postoperative Complications](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)

- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)