

TFPI polyclonal antibody

Catalog # PAB0682 Size 1 mg

Specification

Product Description	Sheep polyclonal antibody raised against a C-terminal truncated recombinant TFPI molecule comprised of domains 1 and 2.
Immunogen	Recombinant protein corresponding to C-terminus truncated TFPI molecule comprised of regions 1 and 2.
Host	Sheep
Reactivity	Human
Specificity	This antibody recognizes human tissue factor pathway inhibitor.
Form	Liquid
Recommend Usage	Western Blot (25 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — TFPI

Entrez GeneID	7035
Gene Name	TFPI

Gene Alias	EPI, LACI, TFI, TFP11
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-converitin extrinsic pathway inhibitor lipoprotein-associated coagulation inhibitor tissue factor pathway inhibitor

Publication Reference

- [Target-mediated clearance and bio-distribution of a monoclonal antibody against the Kunitz-type protease inhibitor 2 domain of Tissue Factor Pathway Inhibitor.](#)

Hansen L, Petersen LC, Lauritzen B, Clausen JT, Grell SN, Agerso H, Sorensen BB, Hilden I, Almholzt K.

Thrombosis Research 2014 Mar; 133(3):464.

Application: IF, Rabbit, Skin, Liver, Aorta, Spleen, Striated skeletal muscle

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](#)