

TFPI rabbit monoclonal antibody

Catalog # H00007035-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TFPI peptide using ARM Technology.
Immunogen	A synthetic peptide of human TFPI is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TFPI peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TFPI

Entrez GeneID	7035
GeneBank Accession#	TFPI
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](#)