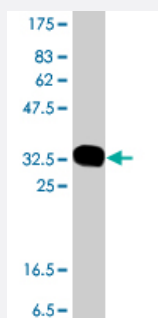


TFPI polyclonal antibody (A01)

Catalog # H00007035-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TFPI.
Immunogen	TFPI (AAH15514, 152 a.a. ~ 251 a.a) partial recombinant protein with GST tag.
Sequence	RFKYGGCLGNMNNFETLEECKNICEDGPNGFQVDNYGTQLNAVNNSLTPQSTKVPSLFVTKEGT NDGWKSAAHYQVFLNAFCIHASMFFLGLDSISCLC
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TFPI

Entrez GeneID [7035](#)

GeneBank Accession# [BC015514](#)

Protein Accession# [AAH15514](#)

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-converin|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](#)