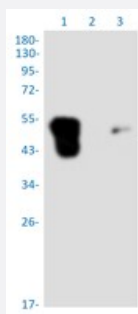


RecomAb™

TFPI recombinant monoclonal antibody, clone R07-6A6

Catalog # RAB04433 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: A549 whole cell lysate, Lane 2: HL-60 whole cell lysate and Lane 3: U2OS whole cell lysate with TFPI recombinant monoclonal antibody, clone R07-6A6 (Cat # RAB04433).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TFPI.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human TFPI.
Theoretical MW (kDa)	Calculated MW: 35 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. 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

Western blot analysis of Lane 1: A549 whole cell lysate, Lane 2: HL-60 whole cell lysate and Lane 3: U2OS whole cell lysate with TFPI recombinant monoclonal antibody, clone R07-6A6 (Cat # RAB04433).

- Immunoprecipitation

Gene Info — TFPI

Entrez GeneID[7035](#)**Protein Accession#**[P10646](#)**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](#)