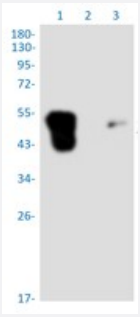
RecomAb™

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
Preparation Method	Mammalian cell (CHO) expression system
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.

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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 shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- 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).

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 comple x, 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 prote ases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in th e vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. S everal 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-convertin|extrinsic pathway inhibitor|lipoprotein-associated coagula tion inhibitor|tissue factor pathway inhibitor

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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

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- Postoperative Complications
- Pregnancy Complications
- Premature Birth
- Stroke
- Thromboembolism
- Thrombophilia
- Thrombosis
- Vascular Diseases
- Venous Thrombosis
- Werner syndrome

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