



# Anti-Tissue Factor Pathway Inhibitor polyclonal antibody (DPAB-DC3054)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
----------------------------	---

<b>Target</b>	Tissue Factor Pathway Inhibitor
<b>Immunogen</b>	TFPI (AAH15514, 152 a.a. ~ 251 a.a) partial recombinant protein with GST tag. The sequence is RFKYGGCLGNMNNFETLEECKNICEDGPNQFQVDNYGTQLNAVNNSLTPQSTKVPSLFVT KEGTNDGWKSAHHYQVFLNAFCIHSMFFLGLDSISCLC
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None

Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
---------	--

# GENE INFORMATION

Gene Name	<a href="#">TFPI tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) [ Homo sapiens (human) ]</a>
Official Symbol	TFPI
Synonyms	TFPI; tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor); EPI; TFI; LACI; TFPI1; tissue factor pathway inhibitor; anti-convertin; extrinsic pathway inhibitor;
Entrez Gene ID	<a href="#">7035</a>
Protein Refseq	<a href="#">NP_001027452</a>
UniProt ID	<a href="#">P10646</a>
Chromosome Location	2q32
Pathway	Complement and Coagulation Cascades; Complement and coagulation cascades; Formation of Fibrin Clot (Clotting Cascade); Integrated Breast Cancer Pathway
Function	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;