TFPI2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TFPI2, Polyclonal Antibody
Full Product Name	TFPI2 Conjugated Antibody
Product Gene Name	anti-TFPI2 antibody
Product Synonym Names	PP5; REF1; TFPI-2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total TFPI2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	25,796 Da
OMIM	600033
3D Structure	ModBase 3D Structure for P48307
Immunogen	Fusion protein corresponding to a region derived from internal residues of human tissue factor pathway inhibitor 2
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-TFPI2 antibody	Most Applications
Application Notes for anti-TFPI2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-TFPI2 antibody	This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotryspin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-TFPI2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TFPI2 purchase	MBS9446419 is an antibody targeting TFPI2. Also known as TFPI2 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFPI2. It may not necessarily be applicable to this product.

NCBI GI #	13529109
NCBI GeneID	7980
NCBI Accession #	BC005330
UniProt Primary Accession #	P48307
UniProt Secondary Accession #	Q66ME8; Q8NAK6; Q9UC86
UniProt Related Accession #	P48307
NCBI Official Full Name	Homo sapiens tissue factor pathway inhibitor 2, mRNA
NCBI Official Synonym Full Names	tissue factor pathway inhibitor 2
NCBI Official Symbol	TFPI2
NCBI Official Synonym Symbols	PP5; REF1; TFPI-2
UniProt Protein Name	Tissue factor pathway inhibitor 2
UniProt Synonym Protein Names	Placental protein 5
Protein Family	Tissue factor pathway inhibitor
UniProt Gene Name	TFPI2
UniProt Synonym Gene Names	TFPI-2; PP5
UniProt Entry Name	TFPI2_HUMAN
NCBI Protein Information	tissue factor pathway inhibitor 2
UniProt Comments for TFPI2	TFPI2: May play a role in the regulation of plasmin-mediated matrix remodeling. Inhibits trypsin, plasmin, factor VIIa/tissue factor and weakly factor Xa. Has no effect on thrombin. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 7q22 Cellular Component: proteinaceous extracellular matrix; nucleus Molecular Function: serine-type endopeptidase inhibitor activity; extracellular matrix structural constituent Biological Process: blood coagulation
Research Articles on TFPI2	**1.** Data show that silencing tumor-endothelial cells (EC) for trypsinogen 4 accumulated tissue factor pathway inhibitor-2 (TFPI-2) in the matrix.
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