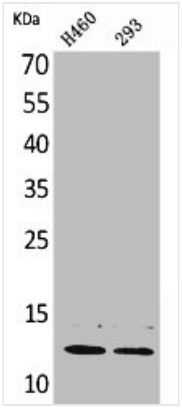
TFPI2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TFPI2, Polyclonal Antibody
Full Product Name	TFPI2 Antibody
Product Gene Name	anti-TFPI2 antibody
Product Synonym Names	TFPI2; Tissue factor pathway inhibitor 2; TFPI-2; Placental protein 5; PP5
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	26,934 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (93514709..93520303, complement). Location: 7q22
OMIM	600033
3D Structure	ModBase 3D Structure for P48307
Immunogen	Synthesized peptide derived from the C-terminal region of human TFPI-2.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-TFPI2 antibody	Cardiovascular
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TFPI2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TFPI2 antibody	WB: 1:500-1:2000 ELISA: 1:20000
Related Product Information for anti-TFPI2 antibody	MBS7117404 is an antibody targeting TFPI2. Also known as TFPI2 Antibody. Reactive in Human. Host: Rabbit.
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.



Western Blot (WB) of anti-TFPI2 antibody
Western Blot analysis of H460 293 cells using TFPI-2 Polyclonal Antibody

ADDITIONAL DETAILS

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

NCBI GI #	401871061
NCBI GeneID	7980
NCBI Accession #	NP_001257933.1
UniProt Primary Accession #	P48307
UniProt Secondary Accession #	Q66ME8; Q9UC86
UniProt Related Accession #	P48307
GenBank Nucleotide #	NM_001271004.1
NCBI Official Full Name	tissue factor pathway inhibitor 2 isoform 3
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; placental protein 5; retinal pigment epithelium cell factor 1
NCBI Summary for TFPI2	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. [provided by RefSeq, Aug 2012]

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.** The C-terminus of TFPI-2 encodes for antimicrobial activity, and may be released during wounding.
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