Rabbit anti-Human TFPI2 Polyclonal Antibody | anti-TFPI2 antibody

Anti-TFPI2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254999	**Rabbit**	**Human**	**Immunoprecipitation, ELISA, Western Blot**

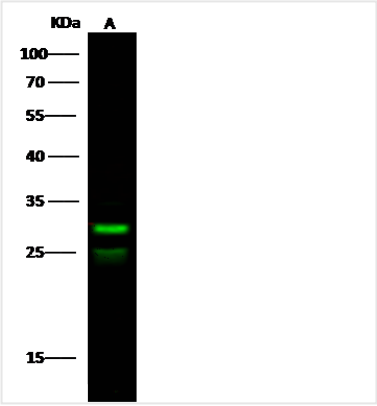
PRODUCT SYNONYMS

TFPI2; Polyclonal Antibody; Anti-TFPI2 Antibody; Rabbit Polyclonal; TFPI2/PP5 Antibody; Rabbit PAb; Antigen Affinity Purified; tissue factor pathway inhibitor 2; Anti-PP5 Antibody; Anti-REF1 Antibody; Anti-TFPI-2 Antibody; anti-TFPI2 antibody

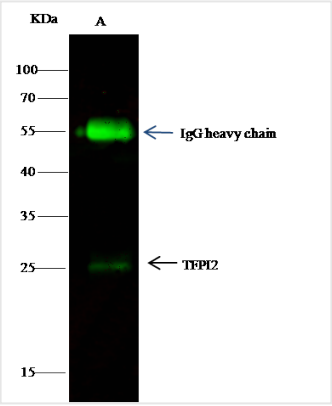
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TFPI2/PP5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TFPI2 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human TFPI2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human TFPI2 (rh TFPI2). TFPI2 specific IgG was purified by human TFPI2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-TFPI2- rabbit polyclonal antibody at 1:500 dilutionLane A: U87MG Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:27 kDaObserved band size:27 kDa(We are unsure as to the identity of these extra bands.



IP (Immunoprecipitation)
TFPI2 was immunoprecipitated using:Lane A:0.5 mg 293T Whole Cell Lysate0.5 uL anti-TFPI2 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-TFPI2 rabbit polyclonal antibody,at 1:1000 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 27 kDaObserved band size: 27 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TFPI2 antibody	Tissue factor pathway inhibitor-2 (TFPI2), a member of the Kunitz-type serine proteinase inhibitor family, is a structural homologue of tissue factor pathway inhibitor (TFPI). It is a 32 kDa matrix-associated glycoprotein consisting of a short amino-terminal region, three tandem Kunitz-type domains and a positively charged carboxy-terminal tail. TFPI2 inhibits plasmin-dependent activation of several metalloproteinases. TFPI2 is highly abundant in the full-term placenta and widely expressed in various adult human tissues, such as the liver, skeletal muscle, heart, kidney, and pancreas. The expression of TFPI2 in tumors is inversely related to an increasing degree of malignancy, which may suggest a role for TFPI2 in the maintenance of tumor stability and inhibition of the growth of neoplasms. TFPI2 inhibits the tissue factor/factor VIIa (TF/VIIa) complex and a wide variety of serine proteinases including plasmin, plasma kallikrein, factor XIa, trypsin, and chymotrypsin. TFPI2 is involved in regulating pericellular proteases implicated in a variety of physiologic and pathologic processes including cancer cell invasion, vascular inflammation, and atherosclerosis. TFPI2 has also been shown to induce apoptosis and inhibit angiogenesis, which may contribute significantly to tumor growth inhibition.
Product Categories/Family for anti-TFPI2 antibody	Serine Proteases and Regulators
References	Peerschke EI, et al. (2004) Tissue factor pathway inhibitor-2 (TFPI-2) recognizes the complement and kininogen binding protein gC1qR/p33 (gC1qR): implications for vascular inflammation. Thromb Haemost. 92(4): 811-9.Rollin J, et al. (2005) Expression and methylation status of tissue factor pathway inhibitor-2 gene in non-small-cell lung cancer. Br J Cancer. 92(4): 775-83.Chand HS, et al. (2005) Structure, function and biology of tissue factor pathway inhibitor-2. Thromb Haemost. 94(6): 1122-30.Sierko E, et al. (2007) The role of tissue factor pathway inhibitor-2 in cancer biology. Semin Thromb Hemost. 33(7): 653-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730091
NCBI GeneID	7980
NCBI Accession #	NP_006519.1
NCBI GenBank Nucleotide #	NM_006528.3
Molecular Weight	25,796 Da
NCBI Official Full Name	tissue factor pathway inhibitor 2 isoform 1
NCBI Official Synonym Full Names	tissue factor pathway inhibitor 2

NCBI Official Symbol	TFPI2
NCBI Official Synonym Symbols	PP5; REF1; TFPI-2
NCBI Protein Information	tissue factor pathway inhibitor 2; placental protein 5; retinal pigment epithelium cell factor 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/tfpi2-antibody-immunoprecipitation-western-blot-elisa/254999