

Anti-TFPI2 Antibody

Catalog Number: PA1248

About TFPI2

Tissue factor pathway inhibitor 2, also known as TFPI2, is a human gene which is located at 7q22. It is an important regulator of the extrinsic pathway of blood coagulation through its ability to inhibit factor Xa and factor VIIa-tissue factor activity. After a 22-residue signal peptide, the mature TFPI2 protein contains 213 amino acids with 18 cysteines and 2 canonical N-linked glycosylation sites. The purified recombinant TFPI2 strongly inhibited the amidolytic activities of trypsin and the factor VIIa-tissue factor complex. The latter inhibition was markedly enhanced in the presence of heparin. Mouse TFPI2 mRNA is highly expressed in developing mouse placenta, as in human. And there are also high transcript levels in adult mouse liver and kidney.

Overview

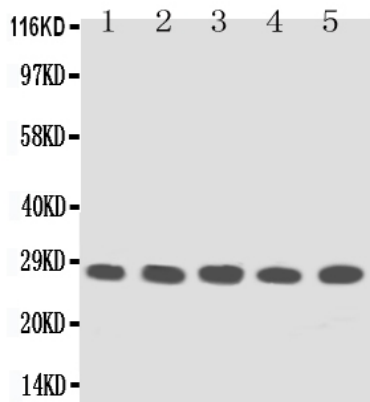
Product Name	Anti-TFPI2 Antibody
Reactive Species	Human
Description	Rabbit IgG polyclonal antibody for Tissue factor pathway inhibitor 2(TFPI2) detection. Tested with WB, IHC-P in Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P48307

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human TFPI2(170-186aa NVTRYFFNPRYRTCDF).
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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Isotype	N/A
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 0.5-1µg/ml, Human, By Heat Western blot, 0.1-0.5µg/ml, Human
	For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-TFPI2 Antibody (PA1248) Images



Anti-TFPI2 antibody, PA1248, Western blotting

Lane 1: MM453 Cell Lysate

Lane 2: MM231 Cell Lysate

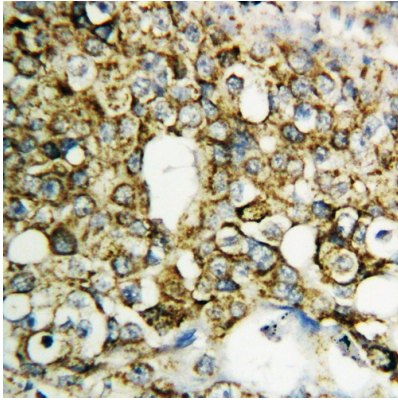
Lane 3: HELA Cell Lysate

Lane 4: HT1080 Cell Lysate

Lane 5: JURKAT Cell Lysate

Anti-TFPI2 antibody, PA1248, IHC(P)

IHC(P): Human Mammary Cancer Tissue



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