

TFPI-2 Rabbit pAb

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Catalog # AP52213

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P48307
Reactivity	Rat, Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26934
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TFPI2
Epitope Specificity	135-235/235
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (constituent of proteinaceous extracellular matrix)
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TFPI2 may play a role in the regulation of plasmin-mediated matrix remodeling. It inhibits trypsin, plasmin, factor VIIa/tissue factor and weakly factor Xa, but it has no effect on thrombin. TFPI2 is specific to umbilical vein endothelial cells, liver, placenta, heart, pancreas, and maternal serum at advanced pregnancy. This inhibitor contains three inhibitory domains. TFPI2 contains 3 BPTI/Kunitz inhibitor domains.

Additional Information

Gene ID	7980
Other Names	Tissue factor pathway inhibitor 2, TFPI-2, Placental protein 5, PP5, TFPI2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TFPI2
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Function	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.
Cellular Location	Secreted.
Tissue Location	Umbilical vein endothelial cells, liver, placenta, heart, pancreas, and maternal serum at advanced pregnancy

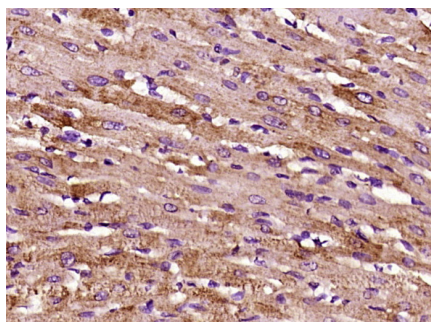
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References

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 Sprecher C.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:3353-3357(1994).
 Kamei S.,et al.Biochim. Biophys. Acta 1517:430-435(2001).
 Xu Y.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DBJ databases.
 Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Paraformaldehyde-fixed, paraffin embedded (Rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TFPI-2) Polyclonal Antibody, Unconjugated (AP52213) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.