

bs-1144R**[Primary Antibody]****BioSS**
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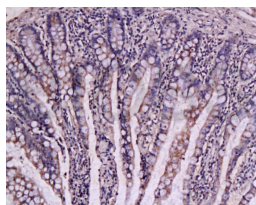
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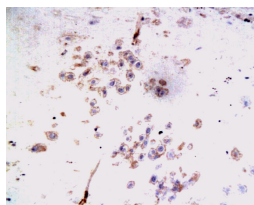
400-901-9800

TFPI-2 Rabbit pAb**— DATASHEET —**

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|---|---|---|
| Host: Rabbit Clonality: Polyclonal GeneID: 7980 Target: TFPI-2 Immunogen: KLH conjugated synthetic peptide derived from human TFPI2: 135-235/235. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: 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. | Isotype: IgG SWISS: P48307 | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Cow) Predicted MW.: 25 kDa Subcellular Location: Secreted |
|---|---|---|

— VALIDATION IMAGES —

Tissue/cell: human colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated(bs-1144R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated(bs-1144R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=4.7]** Yu Xia. et al. Astilbin targeted Sirt1 to inhibit acetylation of Nrf2 to alleviate grass carp hepatocyte apoptosis caused by PCB126-induced mitochondrial kinetic and metabolism dysfunctions. FISH SHELLFISH IMMUN. 2023 Oct;141:109000 WB ;Fish. 37597642
- **[IF=3.8]** Asayag Keren. et al. Effect of bone marrow blood versus peripheral blood on the hemostatic balance of osteoblasts and endothelial cells. SCI REP-UK. 2025 Apr;15(1):1-16 ICC ;Human. 40258877
- **[IF=3.491]** Hussam Ghoti. et al. Heparanase Level and Procoagulant Activity Are Increased in Thalassemia and Attenuated by Janus Kinase 2 Inhibition. Am J Pathol. 2020 Oct;190:2146 IHC ;Mouse. 32745462
- **[IF=0.34]** Wang, Gui-Jun, et al. "Expression of tissue factor pathway inhibitor-2 in gastric stromal tumor and its clinical

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significance." Experimental and Therapeutic Medicine. IHC ;Human. 24396436