

TFPI-2 Rabbit pAb

Catalog Number: bs-1144R

Target Protein: TFPI-2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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: Secreted

Locations:

Entrez Gene: 7980

Swiss Prot: P48307

Source: KLH conjugated synthetic peptide derived from human TFPI2: 135-235/235.

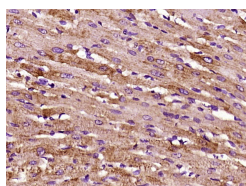
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

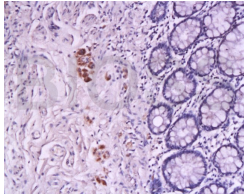
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

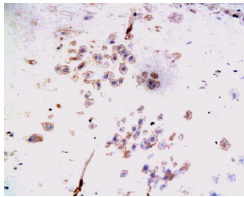
VALIDATION IMAGES



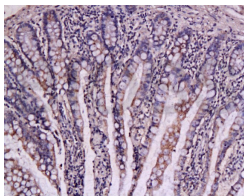
Paraformaldehyde-fixed, paraffin embedded (Rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TFPI-2) Polyclonal Antibody, Unconjugated (bs-1144R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



Tissue/cell: rat 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℃ for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated(bs-1144R) 1:200, overnight at 4℃, 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℃ for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated(bs-1144R) 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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℃ for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated(bs-1144R) 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[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=3.491] 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 significance." Experimental and Therapeutic Medicine. IHC ; ="Human" . 24396436