

Anti-TFPI-2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Cow)
Molecular Weight:	Theoretical: 25 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (Rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TFPI-2) Polyclonal Antibody, Unconjugated (TMAB-13479) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.
	2. Tissue/cell: rat colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated (TMAB-13479) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	3. Tissue/cell: human placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated (TMAB-13479) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	4. Tissue/cell: human colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-TFPI-2 Polyclonal Antibody, Unconjugated (TMAB-13479) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human TFPI2
Antigen Species: Human
Gene ID: 7980
Uniprot ID: P48307

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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