

TFPI-2 Polyclonal Antibody

Catalog No :	YT5159
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	TFPI-2
Gene Name :	TFPI2
Protein Name :	Tissue factor pathway inhibitor 2
Human Gene Id :	7980
Human Swiss Prot No :	P48307
Mouse Swiss Prot No :	O35536
Immunogen :	The antiserum was produced against synthesized peptide derived from the C-terminal region of human TFPI2. AA range:186-235
Specificity :	TFPI-2 Polyclonal Antibody detects endogenous levels of TFPI-2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	13kD

Background :

This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012],

Function :

domain:This inhibitor contains three inhibitory domains.,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.,similarity:Contains 2 BPTI/Kunitz inhibitor domains.,similarity:Contains 3 BPTI/Kunitz inhibitor domains.,tissue specificity:Umbilical vein endothelial cells, liver, placenta, heart, pancreas, and maternal serum at advanced pregnancy.,

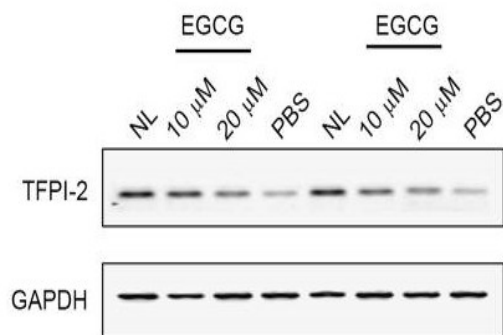
Subcellular Location :

Secreted.

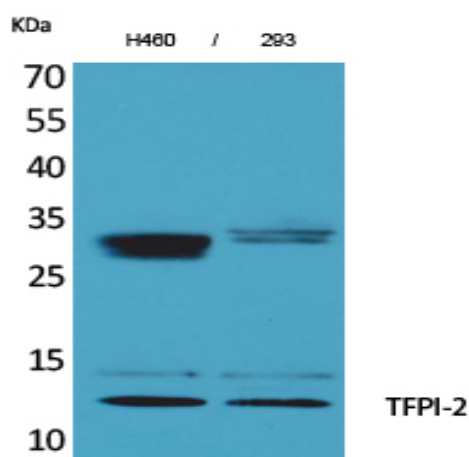
Expression :

Umbilical vein endothelial cells, liver, placenta, heart, pancreas, and maternal serum at advanced pregnancy.

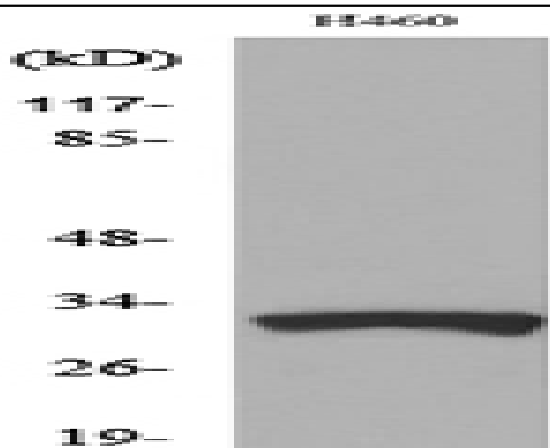
Products Images



Feng, Chenchen, et al. "Epigallocatechin gallate inhibits the growth and promotes the apoptosis of bladder cancer cells." *Experimental and therapeutic medicine* 14.4 (2017): 3513-3518.



Western Blot analysis of H460, 293 cells using TFPI-2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from H460 cells, using TFPI2 Antibody.