



# TFPI-2 Polyclonal Antibody

<b>Catalog No</b>	BYab-04309
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	TFPI2
<b>Protein Name</b>	Tissue factor pathway inhibitor 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human TFPI2. AA range:186-235
<b>Specificity</b>	TFPI-2 Polyclonal Antibody detects endogenous levels of TFPI-2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TFPI2; Tissue factor pathway inhibitor 2; TFPI-2; Placental protein 5; PP5
<b>Observed Band</b>	13kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Umbilical vein endothelial cells, liver, placenta, heart, pancreas, and maternal serum at advanced pregnancy.
<b>Function</b>	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.,
<b>Background</b>	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

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cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012],

**matters needing attention**

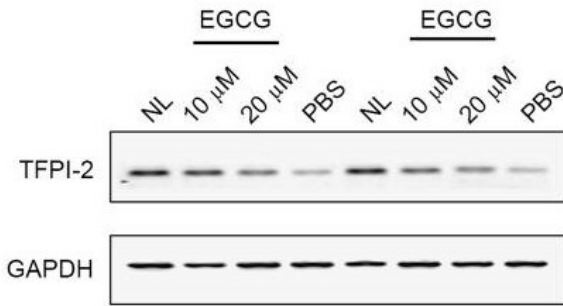
Avoid repeated freezing and thawing!

**Usage suggestions**

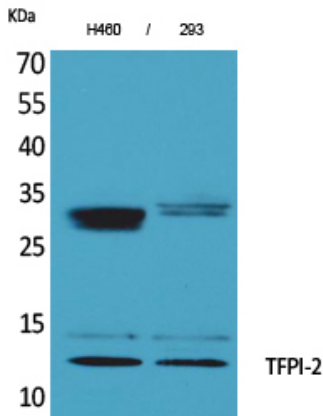
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



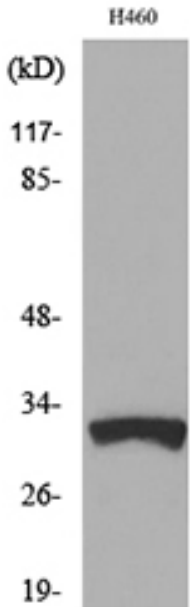
## Products Images



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.