

## TFPI2 polyclonal antibody

Catalog: BS7966

Host: Rabbit

Reactivity: Human

### BackGround:

The extrinsic pathway of blood coagulation is initiated by contact of plasma Factor VII with tissue factor, a cellular membrane glycoprotein that normally is segregated from the bloodstream but can be exposed after tissue injury or newly synthesized in endothelial cells or leukocytes after stimulation by endotoxin and cytokines. Inhibition of Factor VIIA tissue factor activity requires a plasma component (tissue factor pathway inhibitor (TFPI), lipoprotein-associated coagulation inhibitor (LACI) or extrinsic pathway inhibitor (EPI)) and Factor XA. TFPI directly inhibits Factor XA, and, in an XA-dependent fashion, also inhibits the Factor VIIA tissue factor catalytic complex. TFPI is a multivalent, Kunitz-type proteinase inhibitor that circulates in association with plasma lipoproteins VLDL, LDL and HDL. TFPI-2 (also known as placental protein 5) is a related glycoprotein that was originally isolated from human placenta. The genes which encode for TFPI and TFPI-2 map to human chromosomes 2q31-q32.1 and 7q22, respectively.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

Refer to figures

### Swiss-Prot:

P48307

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

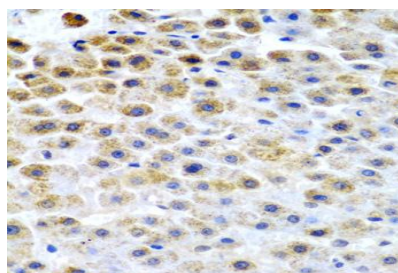
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

TFPI2 polyclonal antibody detects endogenous levels of TFPI2 protein.

### DATA:



Immunohistochemistry of paraffin-embedded human liver cancer using TFPI2 antibody at dilution of 1:200 (40x lens).

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151