

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05048 - Goat Anti-Tissue Factor Pathway Inhibitor Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor), TFPI, EPI, LACI, TFI, TFPI1, OTTHUMP00000163472,

OTTHUMP00000205431, anti-convertin, extrinsic pathway inhibitor, lipoprotein-associated coagulation inhibitor, tissue factor pathway inhibitor

Official Symbol: TFPI

Accession Number(s): NP_006278.1

Human GenelD(s): 7035

Important Comments: This antibody is expected to recognize isoform a (NP_006278.1)

only.

Immunogen

Peptide with sequence C-VKIAYEEIFVKNM, from the C Terminus of the protein sequence according to NP_006278.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

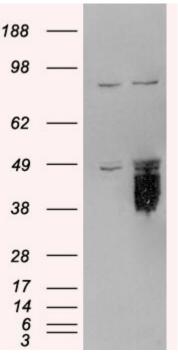
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 50kDa band observed in lysates of cell lines HepG2 and HeLa (calculated MW of 35.0kDa according to NP_006278.1). In transfected HEK293 transiently expressing TFPI bands of approx. 38kDa to 45kDa are observed. These bands are not observed in the non-transfected HEK293. Recommended concentration: 0.3-1μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



HEK293 overexpressing TFPI (RC219033) and probed with EB05048 (mock transfection in first lane), tested by Origene.



EB05048 staining (0.3μg/ml) of Hela lysate (RIPA buffer, 35μg total protein cells per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.