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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 GeneID(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

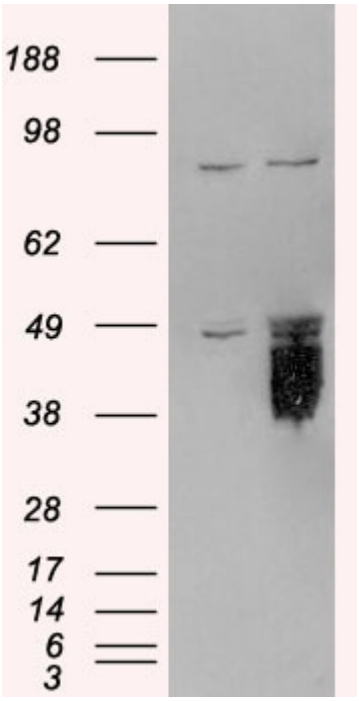
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.