

## Goat anti-Tissue Factor Pathway Inhibitor Antibody

<b>Item Number</b>	dAP-0002
<b>Target Molecule</b>	Principle Name: Tissue Factor Pathway Inhibitor; Official Symbol: TFPI; All Names and Symbols: 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 p; Accession Number (s): NP_006278.1; Human Gene ID(s): 7035; Non-Human GeneID(s):
<b>Immunogen</b>	VKIAYEEIFVKNM, is from C Terminus This antibody is expected to recognize isoform a (NP_006278.1) only.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	Reference(s): Wun TC, Kretzmer KK, Girard TJ, Miletich JP, Broze GJ Jr. Cloning and characterization of a cDNA coding for the lipoprotein-associated coagulation inhibitor shows that it consists of three tandem Kunitz-type inhibitory domains. J Biol Chem 1988 May 5;263(13):6001-4.PMID: 2452157->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**