TFPI Polyclonal Antibody

catalog number: **E-AB-64303**

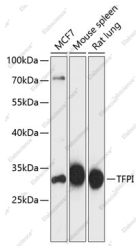
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human TFPI (NP_001027452.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:1000-1:2000

Data



Western blot analysis of extracts of various cell lines using TFPI Polyclonal Antibody at dilution of 1:3000.

Observed-MW:32 kDa

Calculated-MW:28 kDa/35 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulatio n. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been confirmed.

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