

## Product datasheet for **TA302625**

### TFPI Goat Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | ELISA: 1:64,000. WB: 0.3-1 µg/ml.   |
| Reactivity:             | Human   |
| Host:                   | Goat  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Peptide with sequence C-VKIAYEEIFVKNM, from the C Terminus of the protein sequence according to NP_006278.1.  |
| Formulation:            | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.   |
| Concentration:          | lot specific  |
| Purification:           | 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. |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 38640 Da  |
| Gene Name:              | tissue factor pathway inhibitor   |
| Database Link:          | <a href="#">NP_006278</a><br><a href="#">Entrez Gene 7035 Human</a><br><a href="#">P10646</a>   |



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**Background:**

This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. 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. [provided by RefSeq]

**Synonyms:**

EPI; LACI; TFI; TFPI1

**Protein Families:**

Secreted Protein

**Protein Pathways:**

Complement and coagulation cascades

**Product images:**

TA302625 staining (0.3ug/ml) of HeLa lysate (RIPA buffer, 35ug total protein cells per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.