# Recombinant TFPI/LACI/EPI Monoclonal Antibody

**catalog number:** **AN300196P**

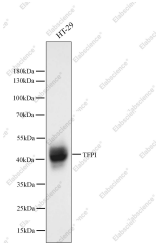
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Recombinant Human TFPI Protein |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C370132 |
| **Purification** | Protein A |
| **Buffer** | 0.2 μm filtered solution in PBS |

| Applications | Recommended Dilution |
|---|---|
| **WB:** | 1:1000；ICC/IF: 1:100；IP: 1:20-1:50 |

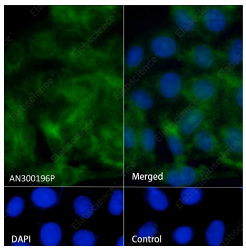
## Data




Western blot analysis of HT-29 cell lysates using TFPI/LACI/EPI Antibody (AN300196P) at a dilution of 1:1000.

**Observed-MW:40-55 kDa**

**Calculated-MW:35 kDa**




Immunofluorescence analysis of HepG2 cells labelling TFPI. Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | Ice bag |

## Background

This gene encodes a Kunitz-type serine 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. Inhibition of the encoded protein restores hemostasis in animal models of hemophilia. This gene encodes multiple protein isoforms that differ in their inhibitory activity, specificity and cellular localization. [provided by RefSeq, Jul 2016]


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