

## TF (Phospho Ser290) Rabbit pAb

CatalogNo: YP0733 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 40kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:20000**

**IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human Coagulation Factor III around the phosphorylation site of Ser290. AA range:246-295

**Specificity**

Phospho-TF (S290) Polyclonal Antibody detects endogenous levels of TF protein only when phosphorylated at S290. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):ENSPL

**| Target Information**

**Gene name** F3

**Protein Name** Tissue factor

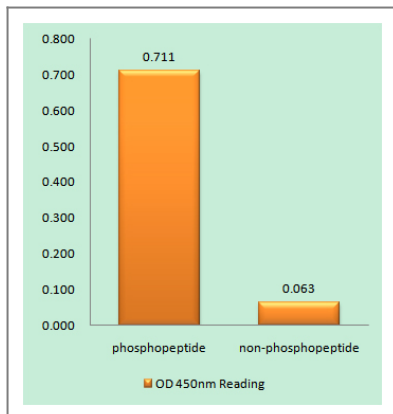
Organism	Gene ID	UniProt ID
Human	<a href="#">2152;</a>	<a href="#">P13726;</a>
Mouse		<a href="#">P20352;</a>

**Cellular Localization** [Isoform 1]: Membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .

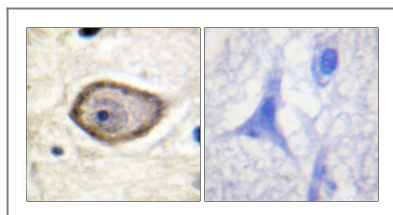
**Tissue specificity** Lung , placenta and pancreas.

**Function** Function:Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade. ,induction:TF expression is highly dependent upon cell type. TF can also be induced by the inflammatory mediators interleukin 1 and TNF , as well as by endotoxin , to appear on monocytes and vascular endothelial cells as a component of cellular immune response. ,online information:The Singapore human mutation and polymorphism database ,online information:Tissue factor entry ,similarity:Belongs to the tissue factor family. ,

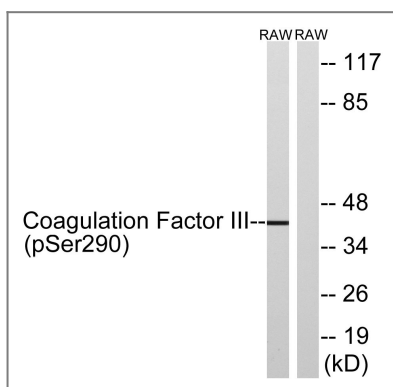
**| Validation Data**



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Coagulation Factor III (Phospho-Ser290) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using Coagulation Factor III (Phospho-Ser290) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from RAW264.7 cells treated with TNF 20ng/ml 30', using Coagulation Factor III (Phospho-Ser290) Antibody. The lane on the right is blocked with the phospho peptide.

## Contact information

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Please scan the QR code to access additional product information:  
**TF (Phospho Ser290) Rabbit pAb**

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