

**Anti-Tissue factor/F3 Antibody**  
**Catalog # ABO12387****Specification**

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**Anti-Tissue factor/F3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P13726</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Tissue factor(F3) detection. Tested with WB in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-Tissue factor/F3 Antibody - Additional Information**

**Gene ID** 2152

**Other Names**

Tissue factor, TF, Coagulation factor III, Thromboplastin, CD142, F3

**Calculated MW**

33068 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Isoform 1: Membrane; Single-pass type I membrane protein.

**Tissue Specificity**

Lung, placenta and pancreas. .

**Protein Name**

Tissue factor

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E.coli-derived human Tissue Factor recombinant protein (Position: S33-S295). Human Tissue Factor shares 57.6% and 57.2% amino acid (aa) sequence identity with mouse and rat Tissue Factor, respectively.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

**Anti-Tissue factor/F3 Antibody - Protein Information****Name** F3**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.

**Cellular Location**

[Isoform 1]: Membrane; Single-pass type I membrane protein

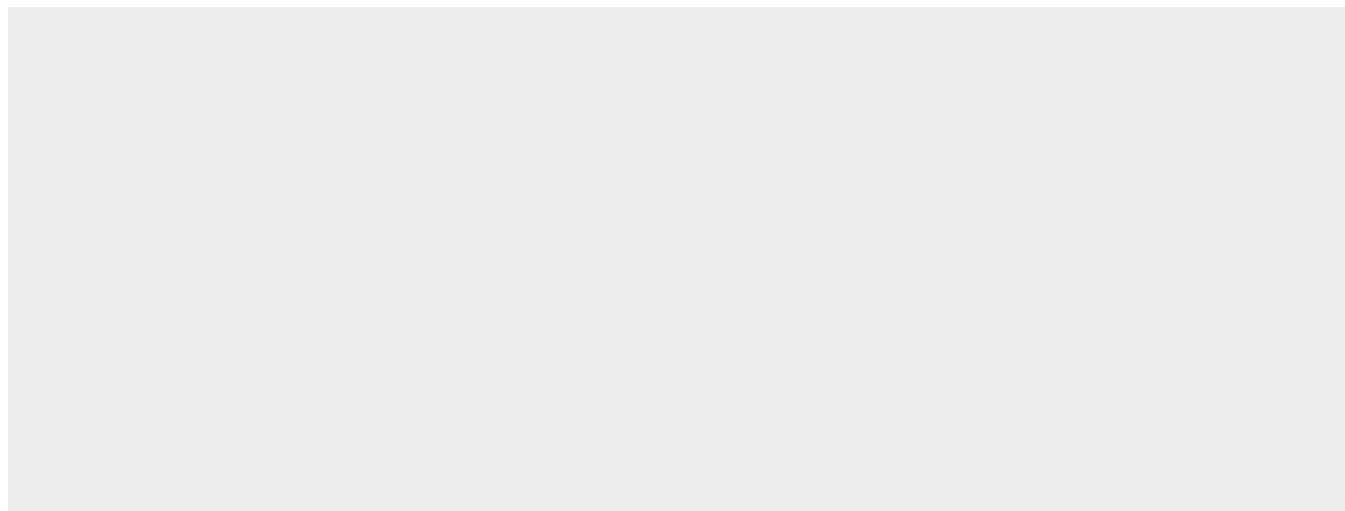
**Tissue Location**

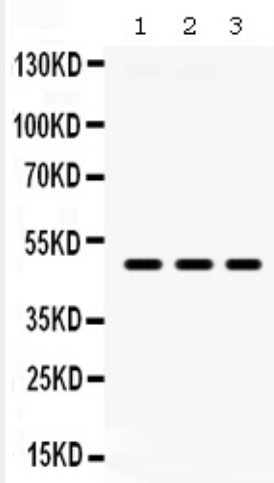
Lung, placenta and pancreas.

**Anti-Tissue factor/F3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Tissue factor/F3 Antibody - Images**



Anti- Tissue Factor Picoband antibody, ABO12387, Western blotting All lanes: Anti Tissue Factor (ABO12387) at 0.5ug/ml Lane 1: Human Placenta Tissue Lysate at 50ug Lane 2: HELA Whole Cell Lysate at 40ug Lane 3: HEPG2 Whole Cell Lysate at 40ug Predicted bind size: 33KD Observed bind size: 50KD

#### **Anti-Tissue factor/F3 Antibody - Background**

Tissue factor also called platelet tissue factor,  $\text{F3}$  factor III, or  $\text{CD142}$ . This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. Alternate splicing results in multiple transcript variants.