10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Tissue factor/F3 Antibody
Catalog # ABO12387

Specification

Anti-Tissue factor/F3 Antibody - Product Information

Application	**WB**
Primary Accession	P13726
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

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 Na2HPO4, 0.05mg NaN3.

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 r˚Constitution, 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.

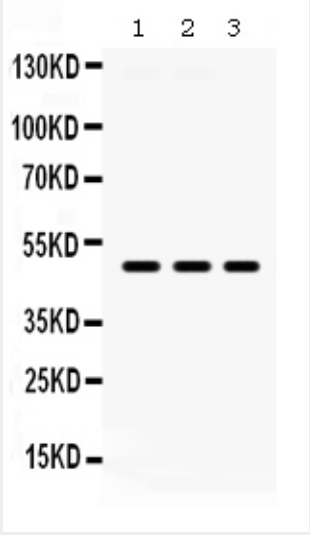
Anti-Tissue factor/F3 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Tissue factor/F3 Antibody - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



Anti- Tissue Factor Picoband antibody, ABO12387, Western blottingAll lanes: Anti Tissue Factor (ABO12387) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 33KDObserved bind size: 50KD

Anti-Tissue factor/F3 Antibody - Background

Tissue factor also called platelet tissue factor,Â factor III, orÂ 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.