

Coagulation factor III/Tissue Factor Rabbit pAb

Catalog No.: A1378

Basic Information

Catalog No.

A1378

Observed MW

53KDa/45KDa

Calculated MW

27kDa/33kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200

Contact

 | www.abclonal.com

Background

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.

Immunogen Information

Gene ID	Swiss Prot
2152	P13726

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 120-251 of human Coagulation factor III/Tissue Factor (NP_001984.1).

Synonyms

F3;CD142;TF;TFA

Product Information

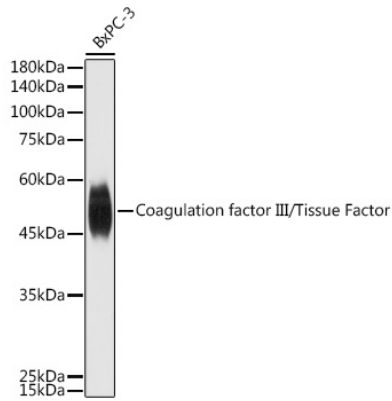
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

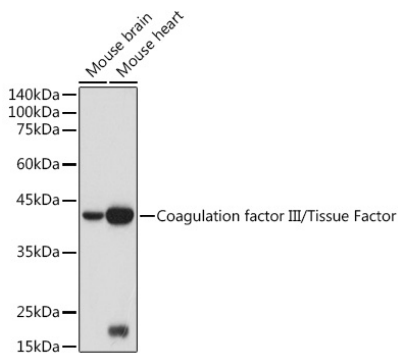
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

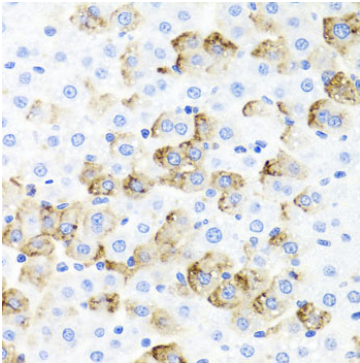
Validation Data



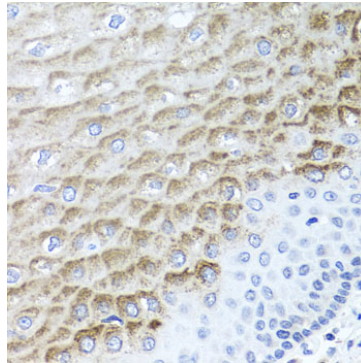
Western blot analysis of extracts of BxPC-3 cells, using Coagulation factor III/Tissue Factor antibody (A1378) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Coagulation factor III/Tissue Factor antibody (A1378) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat liver using Coagulation factor III/Tissue Factor Antibody (A1378) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using Coagulation factor III/Tissue Factor Antibody (A1378) at dilution of 1:100 (40x lens).