

TF Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14875
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Coagulation Factor III. AA range:246-295
Mol wt	33068
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Tissue factor
Synonyms	Tissue factor; F3; Tissue factor; TF; Coagulation factor III; Thromboplastin; CD antigen CD142

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

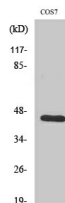
Recommended Dilution

WB: 1: 500 - 1: 2000

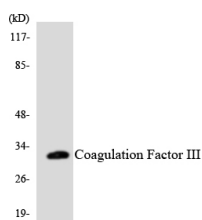
ELISA: 1: 5000

Not yet tested in other applications.

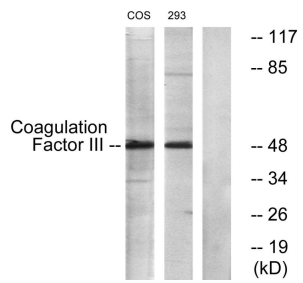
Images



Western Blot analysis of various cells using TF Polyclonal Antibody



Western blot analysis of Coagulation Factor III Antibody. The lane on the right is blocked with the Coagulation Factor III peptide.



Western blot analysis of the lysates from HT-29 cells using Coagulation Factor III antibody.

Storage

-20°C for 1 year

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