

Rabbit anti-Human Tissue Factor Polyclonal Antibody | anti-F3 antibody

Anti-Tissue Factor Antibody, Rabbit Polyclonal

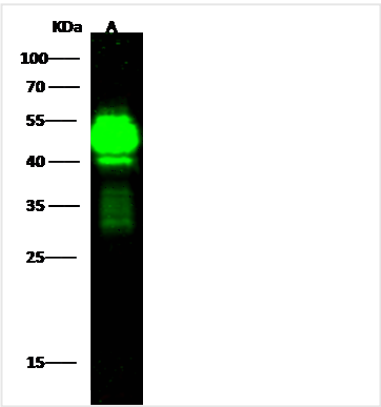
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255637	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

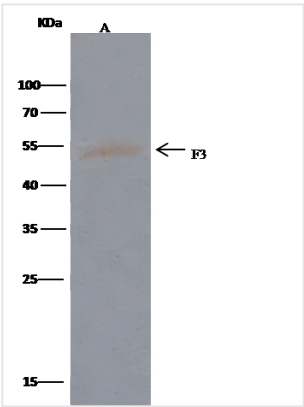
Tissue Factor; Polyclonal Antibody; Anti-Tissue Factor Antibody; Rabbit Polyclonal; Coagulation Factor III/Tissue Factor/CD142 Antibody; Rabbit PAb; Antigen Affinity Purified; coagulation factor III (thromboplastin; tissue factor); Anti-CD142 Antibody; Anti-coagulation factor 3 Antibody; Anti-coagulation factor III Antibody; Anti-TF Antibody; Anti-TFA Antibody; anti-F3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Coagulation Factor III/Tissue Factor/CD142
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-F3 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human Coagulation Factor III/Tissue Factor/CD142 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human Coagulation Factor III/Tissue Factor/CD142 (rh Coagulation Factor III/Tissue Factor/CD142). Coagulation Factor III/Tissue Factor/CD142 specific IgG was purified by Human Coagulation Factor III/Tissue Factor/CD142 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-F3 rabbit polyclonal antibody at 1:500 dilution Lane A: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 33 kDa Observed band size: 48 kDa (We are unsure as to the identity of these extra bands).



IP (Immunoprecipitation)
F3 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 2 uL anti-F3 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-F3 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:500 dilution. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 50 kDa Observed band size: 50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-F3 antibody	Tissue factor (TF), also known as coagulation factor III, F3, and CD142, is a single-pass type I membrane protein which belongs to the tissue factor family. Tissue factor is one of the proteins that participate in hemostatic and inflammatory processes. Activated monocytes present in the liver increase expression of tissue factor, and while accumulating in the organ they can intensify inflammation. Tissue factor is the protein that activates the blood clotting system by binding to, and activating, the plasma serine protease, factor VIIa, following vascular injury. Tissue factor is not only the main physiological initiator of normal blood coagulation, but is also important in the natural history of solid malignancies in that it potentiates metastasis and angiogenesis and mediates outside-in signalling. Tissue factor is expressed constitutively by many tissues which are not in contact with blood and by other cells upon injury or activation; the latter include endothelial cells, tissue macrophages, and peripheral blood monocytes. Coagulation Factor III is a transmembrane glycoprotein that localizes the coagulation serine protease factor VII/VIIa (FVII/VIIa) to the cell surface. The primary function of TF is to activate the clotting cascade. The TF:FVIIa complex also activates cells by cleavage of a G-protein coupled receptor called protease-activated receptor 2 (PAR2). TF is expressed by tumor cells and contributes to a variety of pathologic processes, such as thrombosis, metastasis, tumor growth, and tumor angiogenesis. As a key regulator of haemostasis and angiogenesis, it is also involved in the pathology of several diseases, including cardiovascular, inflammatory and neoplastic conditions.
Product Categories/Family for anti-F3 antibody	Serine Proteases and Regulators
References	Morrissey JH. (2004) Tissue factor: a key molecule in hemostatic and nonhemostatic systems. <i>Int J Hematol.</i> 79(2): 103-8. Milsom C, et al. (2008) Tissue factor and cancer. <i>Pathophysiol Haemost Thromb.</i> 36(3-4): 160-76. Kasthuri RS, et al. (2009) Role of tissue factor in cancer. <i>J Clin Oncol.</i> 27(29): 4834-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010912
NCBI GeneID	2152
NCBI Accession #	NP_001171567.1
NCBI GenBank Nucleotide #	NM_001178096.1
UniProt Accession #	P13726 ; Q6FHG2 ; Q86WH4 ; D3DT47
Molecular Weight	33,068 Da
NCBI Official Full Name	tissue factor isoform 2

NCBI Official Synonym Full Names	coagulation factor III (thromboplastin, tissue factor)
NCBI Official Symbol	F3
NCBI Official Synonym Symbols	TF; TFA; CD142
NCBI Protein Information	tissue factor
UniProt Protein Name	Tissue factor
UniProt Gene Name	F3
UniProt Synonym Gene Names	TF
UniProt Entry Name	TF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tissue-factor-antibody-immunoprecipitation-western-blot-elisa/255637>