



Anti-Coagulation Factor III polyclonal antibody [Biotin] (DPABY-538)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Coagulation Factor III/Tissue Factor (TF), also known as Thromboplastin and CD142, is an integral membrane protein found in a variety of cell types. It functions as a protein cofactor/receptor of coagulation factor VII, which is synthesized in the liver and circulated in the plasma. Synthesized as a 295 amino acid precursor, TF consists of a signal peptide (residues 1 to 32) and the mature chain (residues 33 to 295), which includes a transmembrane region (residues 252 to 274) and a cytoplasmic tail (residues 275 to 295).
Specificity	Detects human CoagulationFactorIII/Tissue Factor in ELISAs and Westernblots. In sandwich immunoassays,less than 0.1% cross-reactivity with human Plasminogen, recombinant human (rh) Coagulation Factor VII, rhCoagulation Factor X, rhCoagulation FactorXI, rhCoagulation FactorXIVand recombinant mouse CoagulationFactorIII/Tissue Factor is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CoagulationFactorIII/TissueFactor . Gly34-Glu251 Accession Number P13726
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	F3 coagulation factor III (thromboplastin, tissue factor) [Homo sapiens (human)]
Official Symbol	F3
Synonyms	F3; coagulation factor III (thromboplastin, tissue factor); TF; TFA; CD142; tissue factor;
Entrez Gene ID	2152
Protein Refseq	NP_001171567
UniProt ID	P13726
Chromosome Location	1p22-p21
Pathway	Complement and Coagulation Cascades; Complement and coagulation cascades; Extrinsic Pathway; Formation of Fibrin Clot (Clotting Cascade); Hemostasis;
Function	phospholipid binding; protease binding; protein binding;