

Rabbit anti-Human F10 Polyclonal Antibody | anti-F10 antibody

F10 Antibody (C-term)

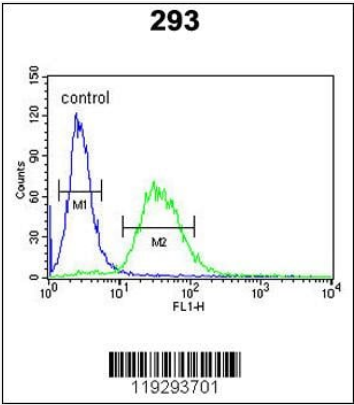
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290030	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

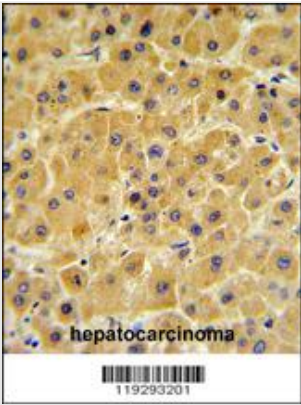
F10; Polyclonal Antibody; F10 Antibody (C-term); Coagulation factor X; Stuart factor; Stuart-Prower factor; Factor X light chain; Factor X heavy chain; Activated factor Xa heavy chain; anti-F10 antibody

PRODUCT SPECIFICATIONS

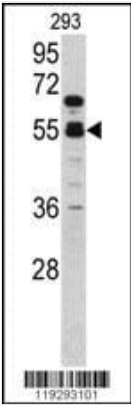
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This F10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 351-381 amino acids from the C-terminal region of human F10.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	351-381
Sequence Length	488
Applicable Applications for anti-F10 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
F10 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
F10 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the F10 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of F10 antibody (C-term) in 293 cell line lysates (35ug/lane). F10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-F10 antibody	F10 is the vitamin K-dependent coagulation factor X of the blood coagulation cascade. This factor undergoes multiple processing steps before its preproprotein is converted to a mature two-chain form by the excision of the tripeptide RKR. Two chains of the factor are held together by 1 or more disulfide bonds; the light chain contains 2 EGF-like domains, while the heavy chain contains the catalytic domain which is structurally homologous to those of the other hemostatic serine proteases. The mature factor is activated by the cleavage of the activation peptide by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway). The activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca+2, and phospholipid during blood clotting.
Product Categories/Family for anti-F10 antibody	Cardiovascular; Cell biology
References	Alba,R., Blood 114 (5), 965-971 (2009) Borensztajn,K., Thromb. Res. 124 (2), 219-225 (2009) Larson,P.J., Biochemistry 37 (14), 5029-5038 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503625
NCBI GeneID	2159
NCBI Accession #	NP_000495.1

NCBI GenBank Nucleotide #	NM_000504.3
UniProt Accession #	P00742 ; Q14340
Molecular Weight	54732
NCBI Official Full Name	coagulation factor X preproprotein
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	FX; FXA
NCBI Protein Information	coagulation factor X
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10
UniProt Entry Name	FA10_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://www.aaabiotech.com/polyclonal/f10-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290030>