.-online.com antibodies

Datasheet for ABIN2856706 anti-Coagulation Factor X antibody

3 Images



Overview

Quantity:	100 μL
Target:	Coagulation Factor X (F10)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Coagulation Factor X antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Factor X. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Characteristics:	Rabbit Polyclonal antibody to Factor X (coagulation factor X) Factor X antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	

Target:	Coagulation Factor X (F10)
Alternative Name:	coagulation factor X (F10 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2856706 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details

Background:	This gene encodes 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 intrisic 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. Mutations of this gene result in factor X $$
	deficiency, a hemorrhagic condition of variable severity.

Cellular Localization: Secreted

Molecular Weight:	55 kDa
Gene ID:	2159
UniProt:	P00742

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: human F10-transfected 293T cells , rat liver Validation: Orthogonal
Restrictions:	For Research Use only

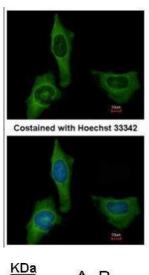
Handling

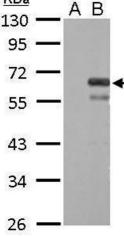
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2856706 | 09/11/2023 | Copyright antibodies-online. All rights reserved. Storage Comment:

Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



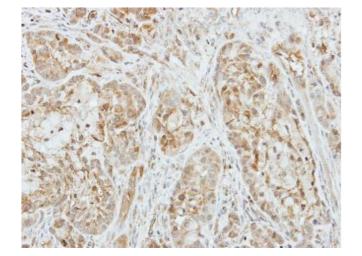


Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using Factor X, antibody at 1:200 dilution.

Western Blotting

Image 2. WB Image Factor X antibody detects F10 protein by Western blot analysis. A. 30 ug 293T whole cell lysate/extract B. 30 ug whole cell lysate/extract of human F10-transfected 293T cells 10 % SDS-PAGE Factor X antibody, dilution: 1:5000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using Factor X, antibody at 1:500 dilution.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2856706 | 09/11/2023 | Copyright antibodies-online. All rights reserved.