

## Datasheet for ABIN636058 anti-Coagulation Factor X antibody (C-Term)





Overview

Quantity:	100 μL
Target:	Coagulation Factor X (F10)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Coagulation Factor X antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Factor X antibody was raised using the C terminal of F10 corresponding to a region with amino
	acids STLMTQKTGIVSGFGRTHEKGRQSTRLKMLEVPYVDRNSCKLSSSFIITQ
Specificity:	Factor X antibody was raised against the C terminal of F10
Purification:	Affinity purified
Target Details	
Target:	Coagulation Factor X (F10)
Alternative Name:	Factor X (F10 Products)
Background:	
Background:	F10 is the vitamin K-dependent coagulation factor X of the blood coagulation cascade. This
Background:	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
Background:	

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## Target Details

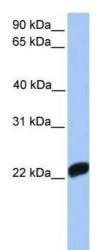
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	phospholipid during blood clotting.
	activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca+2, and
	peptide by factor IXa (in the intrisic pathway), or by factor VIIa (in the extrinsic pathway). The
	hemostatic serine proteases. The mature factor is activated by the cleavage of the activation
	contains the catalytic domain which is structurally homologous to those of the other
	by 1 or more disulfide bonds, the light chain contains 2 EGF-like domains, while the heavy chain

Molecular Weight: 29 kDa (MW of target protein)

## **Application Details**

Application Notes:	WB: 1 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	Factor X Blocking Peptide, catalog no. 33R-8874, is also available for use as a blocking control
	in assays to test for specificity of this Factor X antibody
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of F10 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
	Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

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## Western Blotting

**Image 1.** Factor X antibody used at 1 ug/ml to detect target protein.

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