

Datasheet for ABIN929426  
**anti-Factor VII antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	Factor VII (F7)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Factor VII antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	F7 antibody was raised in rabbit using the C terminal of F7 as the immunogen
Purification:	Purified

## Target Details

Target:	Factor VII (F7)
Alternative Name:	F7 ( <a href="#">F7 Products</a> )
Background:	This gene encodes coagulation factor VII which is a vitamin K-dependent factor essential for hemostasis. This factor circulates in the blood in a zymogen form, and is converted to an active form by either factor IXa, factor Xa, factor XIIa, or thrombin by minor proteolysis. Upon activation of the factor VII, a heavy chain containing a catalytic domain and a light chain containing 2 EGF-like domains are generated, and two chains are held together by a disulfide

## Target Details

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bond. In the presence of factor III and calcium ions, the activated factor then further activates the coagulation cascade by converting factor IX to factor IXa and/or factor X to factor Xa. Alternative splicing of this gene results in 2 transcripts. Defects in this gene can cause coagulopathy. Synonyms: Polyclonal F7 antibody, Anti-F7 antibody, coagulation factor VII, serum prothrombin conversion accelerator antibody.

Pathways: [Response to Growth Hormone Stimulus, Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

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Application Notes: WB: 0.2-1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: F7 Blocking Peptide, catalog no. 33R-1026, is also available for use as a blocking control in assays to test for specificity of this F7 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

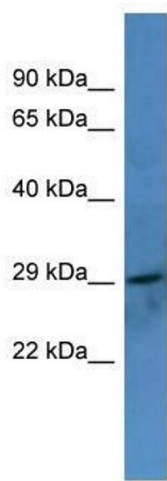
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** F7 antibody used at 0.2-1 ug/ml to detect target protein.