



Datasheet for ABIN655515  
**anti-Factor XI antibody (AA 281-307)**



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2 Images

Overview

Quantity:	400 µL
Target:	Factor XI (F11)
Binding Specificity:	AA 281-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Factor XI antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This F11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-307 amino acids from the Central region of human F11.
Clone:	RB19294
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Factor XI (F11)
Alternative Name:	F11 ( <a href="#">F11 Products</a> )
Background:	This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is

## Target Details

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present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a homodimer consisting of two identical polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality. [provided by RefSeq].

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Molecular Weight: 70109

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Gene ID: 2160

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NCBI Accession: [NP\\_000119](#)

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UniProt: [P03951](#)

## Application Details

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Application Notes: WB: 1:1000. IHC-P: 1:50~100

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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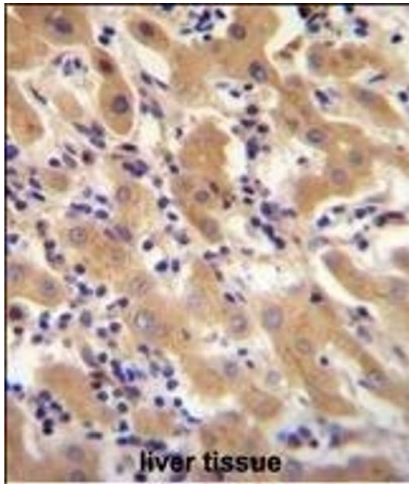
Storage: 4 °C,-20 °C

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Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

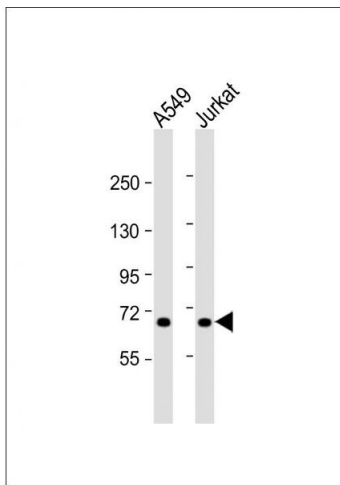
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Expiry Date: 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** F11 Antibody (Center) (ABIN655515 and ABIN2845030) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of F11 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** All lanes : Anti-F11 Antibody (Center) at 1:1000 dilution Lane 1: A549 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 70 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.