abcam

Product datasheet

# Anti-FXI antibody ab97346

1 Image

## Overview

| | |
|---|---|
| **Product name** | Anti-FXI antibody |
| **Description** | Rabbit polyclonal to FXI |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** WB |
| **Species reactivity** | **Reacts with:** Human |
| **Immunogen** | Recombinant fragment corresponding to Human FXI aa 21-282.<br>Database link: **NP_000119** |
| **Positive control** | 293T whole cell lysate and Raji lysate. |
| **General notes** | The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.<br>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As |

## Properties

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|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| **Storage buffer** | pH: 7.00<br>Preservative: 0.01% Thimerosal (merthiolate)<br>Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine) |
| **Purity** | Immunogen affinity purified |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

## Applications

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|---|---|
| **The Abpromise guarantee** | Our **Abpromise guarantee** covers the use of ab97346 in the following tested applications. |

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|---|---|---|
| **WB** | | 1/500 - 1/3000. Predicted molecular weight: 70 kDa. |

## Target

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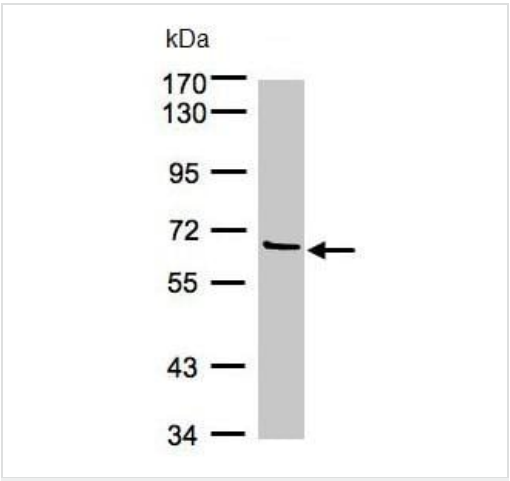
|---|---|
| **Function** | Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. |
| **Tissue specificity** | Isoform 2 is produced by platelets and megakaryocytes but absent from other blood cells. |
| **Involvement in disease** | Defects in F11 are the cause of factor XI deficiency (FA11D) [MIM:612416]; also known as plasma thromboplastin antecedent deficiency or Rosenthal syndrome. It is a hemorrhagic disease characterized by reduced levels and activity of factor XI resulting in moderate bleeding symptoms, usually occurring after trauma or surgery. Patients usually do not present spontaneous bleeding but women can present with menorrhagia. Hemorrhages are usually moderate. |
| **Sequence similarities** | Belongs to the peptidase S1 family. Plasma kallikrein subfamily.<br>Contains 4 apple domains.<br>Contains 1 peptidase S1 domain. |
| **Post-translational modifications** | Activated by factor XIIa (or XII), which cleaves each polypeptide after Arg-387 into the light chain, which contains the active site, and the heavy chain, which associates with high molecular weight (HMW) kininogen. |
| **Cellular localization** | Secreted. |

## Images




Western blot - Anti-FXI antibody (ab97346)

Anti-FXI antibody (ab97346) at 1/1000 dilution + 293T whole cell lysate at 30 µg

**Predicted band size:** 70 kDa

7.5% SDS PAGE



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