

For Research Use Only

# FXI Polyclonal antibody

Catalog Number: 24321-1-AP



## Basic Information

Catalog Number:

24321-1-AP

Concentration:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18004

GenBank Accession Number:

BC119014

GeneID (NCBI):

2160

UNIPROT ID:

P03951

Full Name:

coagulation factor XI

Calculated MW:

625 aa, 70 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : rat liver tissue,

## Background Information

Factor XI (FXI) is the zymogen of a blood coagulation protease, factor XIa (FXIa), that contributes to hemostasis by activating factor IX. Factor XI is a precursor of an S1 serine protease found in blood plasma. When activated to FXIa, it plays a crucial role in forming and stabilizing fibrin by triggering the activation of factor IX (PMID: 38545505). FXI has 2 isoforms with the molecular mass of 70 kDa and 64 kDa. Isoform 2 is produced by platelets and megakaryocytes but absent from other blood cells.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

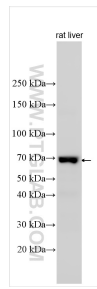
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24321-1-AP (FXI antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.