

For Research Use Only

# Coagulation Factor II Polyclonal antibody, PBS Only

Catalog Number: 24295-1-PBS



## Basic Information

Catalog Number:

24295-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18385

GenBank Accession Number:

BC051332

GeneID (NCBI):

2147

UNIPROT ID:

P00734

Full Name:

coagulation factor II (prothrombin)

Calculated MW:

622 aa, 70 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

## Background Information

Normal blood coagulation is a complex process, involving a cascade of activation of different plasma proteins, ultimately resulting in the formation of a clot, called fibrin. Coagulation Factor II (F2), also known as prothrombin, is one of the components of this chain of plasma proteins involved in blood coagulation. Prothrombin is the precursor of thrombin, which is essential in the processes of hemostasis and thrombosis.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

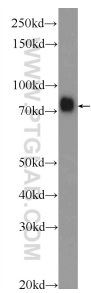
T: 4006900926

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

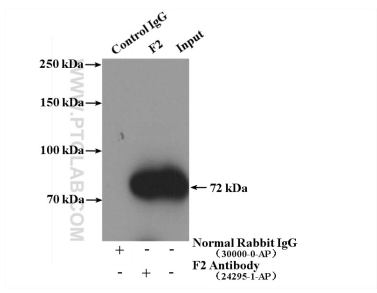
W: [ptgcn.com](http://ptgcn.com)

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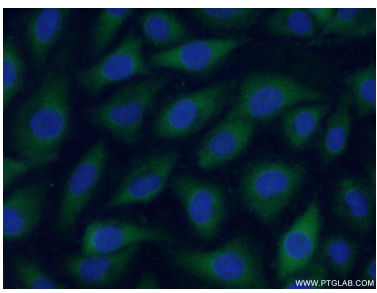
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 24295-1-AP (Coagulation Factor II Antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24295-1-PBS in a different storage buffer formulation.



IP result of anti-Coagulation Factor II (IP:24295-1-AP, 4ug; Detection:24295-1-AP 1:10000) with human plasma lysate 4000ug. This data was developed using the same antibody clone with 24295-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20℃ Ethanol) fixed HUVEC cells using 24295-1-AP (Coagulation Factor II antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 24295-1-PBS in a different storage buffer formulation.