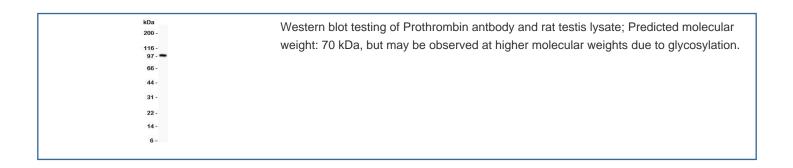


# Prothrombin Antibody / Thrombin / Coagulation Factor II / F2 (R31170)

Catalog No.	Formulation	Size
R31170	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P18292
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Prothrombin antibody is available for research use only.



## **Description**

F2 (Coagulation Factor II), also known as prothrombin and thrombin, is a serine protease that in humans is encoded by the F2 gene. The activated thrombin enzyme plays an important role in hemostasis and thrombosis: it converts fibrinogen to fibrin for blood clot formation, stimulates platelet aggregation, and activates coagulation factors V, VIII (F8), and XIII (F13A1). Thrombin also inhibits coagulation by Activating protein C.

#### **Application Notes**

Titration of the Prothrombin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

# **Immunogen**

Amino acids 600-612 (THVFRLKRWMQKV-rat) were used as the immunogen for this Prothrombin antibody.

# **Storage**

After reconstitution, the Prothrombin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.