

Datasheet for ABIN7429277

anti-Prothrombin antibody (AA 44-200)

4 Images

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Overview

Quantity:	100 µL
Target:	Prothrombin (F2)
Binding Specificity:	AA 44-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prothrombin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Coagulation Factor II (F2)
Immunogen:	Recombinant Coagulation Factor II (F2) corresponding to Ala44~Arg200 (Accession # P18292)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against F2. It has been selected for its ability to recognize F2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

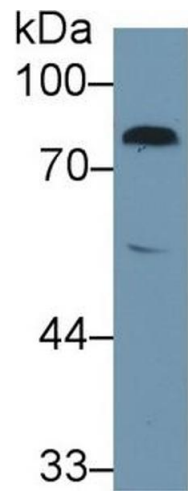
Target:	Prothrombin (F2)
Alternative Name:	Coagulation Factor II (F2 Products)
Background:	FII, TM, PT, Thrombin, Prothrombin, Pro-Thrombin, Activation peptide fragment 1, Activation peptide fragment 2
Pathways:	Complement System , Peptide Hormone Metabolism , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:150-600 Immunohistochemistry: 5-20 µg/mL 1:15-60 Immunocytochemistry: 5-20 µg/mL 1:15-60 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

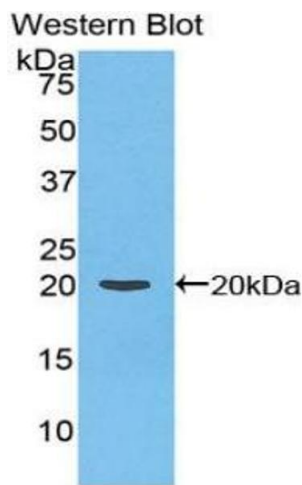
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



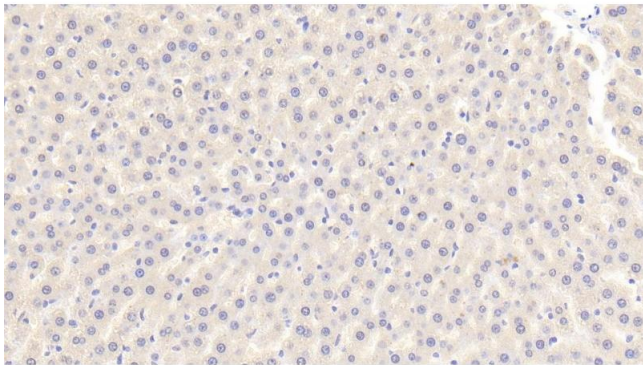
Western Blotting

Image 1. Detection of F2 in Rat Serum using Polyclonal Antibody to Coagulation Factor II (F2)



Western Blotting

Image 2. Detection of Recombinant F2, Rat using Polyclonal Antibody to Coagulation Factor II (F2)



Immunohistochemistry

Image 3. Detection of F2 in Rat Liver Tissue using Polyclonal Antibody to Coagulation Factor II (F2)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7429277.