antibodies

Datasheet for ABIN7438013 anti-Prothrombin antibody (AA 201-323)

2 Images



Overview

Quantity:	100 µL
Target:	Prothrombin (F2)
Binding Specificity:	AA 201-323
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) corresdonding to Ser201~Arg323 (Accession # P18292)
lsotype:	lgG
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

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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

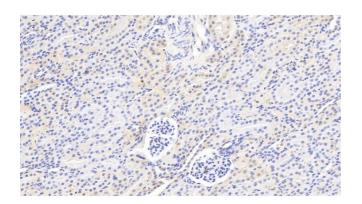
Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	1:500-2000 Immunohistochemistry: 5-20 µg/mL
	1:50-200 Immunocytochemistry: 5-20 µg/mL
	1:50-200 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 $^\circ C$ 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

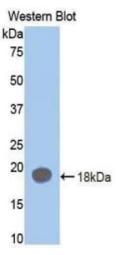
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 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

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Immunohistochemistry

Image 1. Detection of F2 in Rat Kidney Tissue 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)

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