

Datasheet for ABIN2854967

anti-Prothrombin antibody (N-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Prothrombin (F2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prothrombin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human Prothrombin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Prothrombin (coagulation factor II (thrombin)) Prothrombin antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Prothrombin (F2)
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Target Details

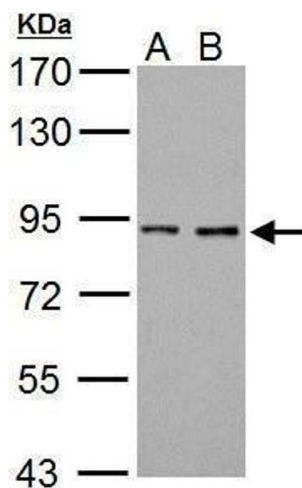
Alternative Name:	coagulation factor II, thrombin (F2 Products)
Background:	<p>Coagulation factor II is proteolytically cleaved to form thrombin in the first step of the coagulation cascade which ultimately results in the stemming of blood loss. F2 also plays a role in maintaining vascular integrity during development and postnatal life. Mutations in F2 leads to various forms of thrombosis and dysprothrombinemia.</p> <p>Cellular Localization: Secreted , extracellular space</p>
Molecular Weight:	70 kDa
Gene ID:	2147
UniProt:	P00734
Pathways:	Complement System , Peptide Hormone Metabolism , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , human plasma , mouse plasma
Restrictions:	For Research Use only

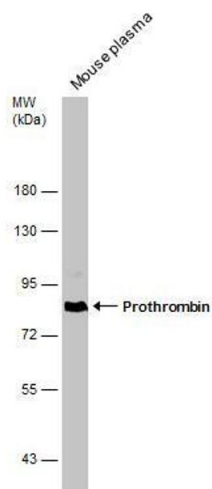
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



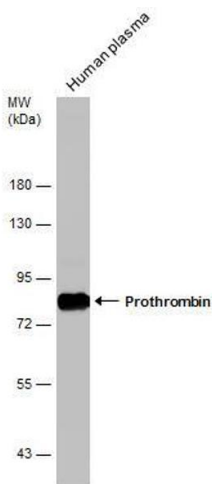
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431 7.5% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 2. WB Image Mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Prothrombin antibody , diluted at 1:500.



Western Blotting

Image 3. WB Image Human tissue extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Prothrombin antibody , diluted at 1:500.