

Datasheet for ABIN7429058
anti-SERPINA1 antibody (AA 27-181)

4 Images

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Overview

Quantity:	100 µL
Target:	SERPINA1
Binding Specificity:	AA 27-181
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Alpha-1-Antitrypsin (a1AT)
Immunogen:	Recombinant Alpha-1-Antitrypsin (a1AT) corresponding to Ala27~Lys181 (Accession # P17475)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against a1AT. It has been selected for its ability to recognize a1AT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

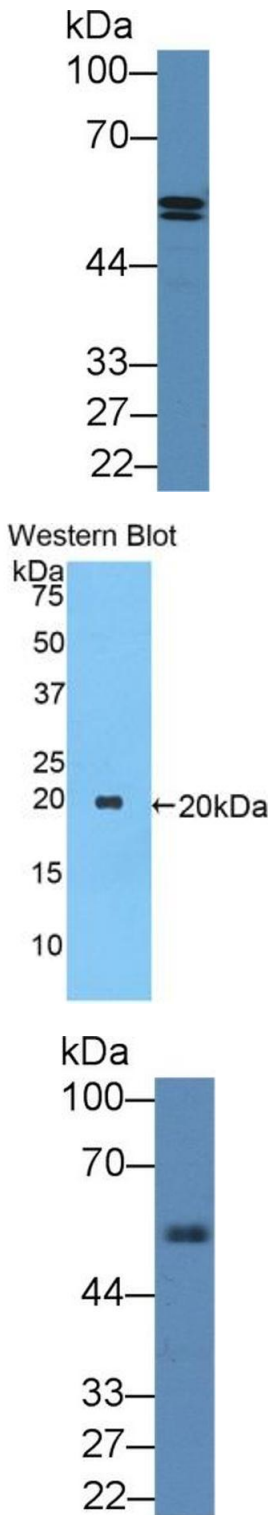
Target:	SERPINA1
Alternative Name:	Alpha-1-Antitrypsin (SERPINA1 Products)
Background:	SERPINA1, SPAAT, A1-AT, PI, Serpin Peptidase Inhibitor, Clade A (Alpha-1 Antiproteinase/AntiTrypsin) Member 1, Alpha-1 protease inhibitor, Short peptide from AAT, Serpin A1

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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:	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



Western Blotting

Image 1. Detection of a1AT in Rat Liver lysate using Polyclonal Antibody to Alpha-1-Antitrypsin (a1AT)

Western Blotting

Image 2. Detection of Recombinant a1AT, Rat using Polyclonal Antibody to Alpha-1-Antitrypsin (a1AT)

Western Blotting

Image 3. Detection of a1AT in Rat Pancreas lysate using Polyclonal Antibody to Alpha-1-Antitrypsin (a1AT)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7429058.