

Datasheet for ABIN3201708

## anti-SERPINC1 antibody (AA 159-258)



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### 2 Images

#### Overview

Quantity:	100 µL
Target:	SERPINC1
Binding Specificity:	AA 159-258
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SERPINC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Purpose:	Monoclonal Antibody to Antithrombin (AT)
Immunogen:	Recombinant Antithrombin (AT) corresponding to N-terminal His Tag
Sequence:	MGHHHHHSG SEF- HGSPVDIC TAKPRDIPMN PMCIYRSPEK KATEDEGSEQ KIPEATNRRV WELSKANSRF ATTFYQHLAD SKNDNDNIFL SPLSISTAFA MTKLGACNDT LQQLMEVFKF DTISEKTSQ IHFFFAKLNC RLYRKANKSS KLVSANRLFG DKSLTFNETY QDISELVYGA KLQPLDFKEN AEQSRAAINK WWSNKTEGRI TDVIPSEAIN ELTVLVLVNT IYFKGLWWSK FSPENTRKEL FYKADGESCS ASMMYQEGKF RYRRVAEGTQ VLELPFKGDD ITMVLILPKP EKSLAKVEKE LTPEVLQEWL DELEEMMLVW HMPRFRIEDG
Clone:	C3
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against AT. It has been selected for its

## Product Details

ability to recognize AT in immunohistochemical staining and western blotting.

Cross-Reactivity: Rat

Purification: Protein A + Protein G affinity chromatography

## Target Details

Target: SERPINC1

Alternative Name: Antithrombin ([SERPINC1 Products](#))

Background: AT3, ATIII, SERPINC1, Anti-Thrombin Antibodies, Serpin Peptidase Inhibitor Clade C Member 1, Coding Sequence Signal Peptide Antithrombin Part 1

## Application Details

Application Notes: Western blotting: 0.01-3 µg/mL, Immunohistochemistry: 5-30 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

Concentration: 1 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

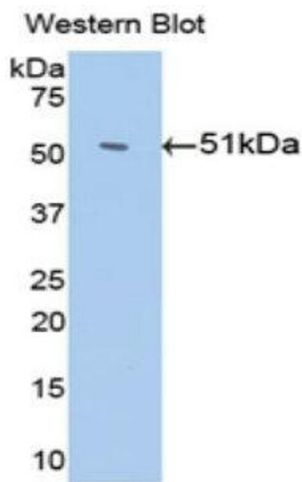
Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles

Handling

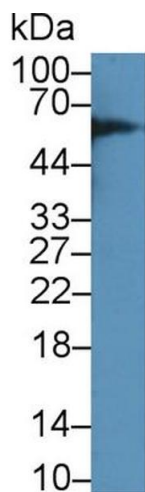
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

Images



Western Blotting

Image 1.



Western Blotting

**Image 2.** Western Blot; Sample: Human Serum; Primary Ab: 3µg/ml Mouse Anti-Human AT Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)