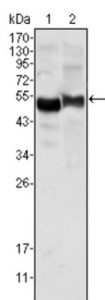


Alpha-1-Antitrypsin (AAT) Antibody

Catalogue No.: abx010340



Western blot analysis using AAT antibody against human plasma (1) and NIH/3T3 cell lysate (2).

AAT, also known as SERPINA1; serpin peptidase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 1. It is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Severe Serpin A1 deficiency leads to several clinical complications such as pulmonary emphysema, juvenile hepatitis, cirrhosis and hepatocellular carcinoma.

Target:	Alpha-1-Antitrypsin (AAT)
Clonality:	Monoclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human AAT expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01009 (UniProt , ExPASy)
GeneID:	5265

Datasheet

Version: 2.0.0

Revision date: 31 May 2025



KEGG: hsa:5265

String: [9606.ENSP00000416066](#)

Molecular Weight: 47 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only