

Rabbit anti-Human Alpha-1-Antitrypsin (SERPINA1) Antibody | anti-SERPINA1 antibody

Alpha-1-Antitrypsin (SERPINA1) (Hepatocellular & Histiocytic Marker)

CATALOG # AAA215147	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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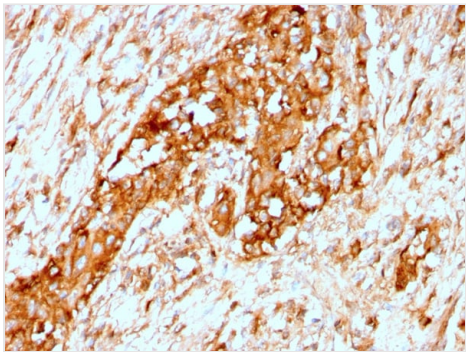
PRODUCT SYNONYMS

Alpha-1-Antitrypsin (SERPINA1); Alpha-1-Antitrypsin (SERPINA1) (Hepatocellular & Histiocytic Marker); A1AT; Alpha-1 protease inhibitor; Alpha-1-antiproteinase (Alpha1AT); Dom1; Serine (or cysteine) proteinase inhibitor clade A member 1; Serpin peptidase inhibitor clade A member 1; Short peptide from AAT (SPAAT); Spi1-1; anti-SERPINA1 antibody

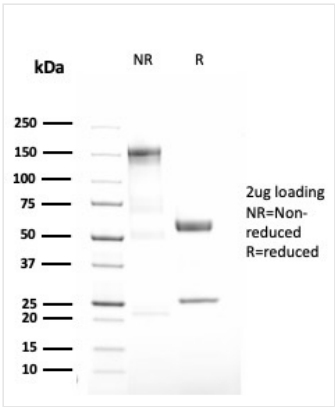
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Isotype	IgG
Clone Number	AAT/3167R
Specificity	It recognizes a protein of 54kDa, which is identified antitrypsin (AAT). The immunohistochemical staining of AAT is useful in identification of benign and malignant hepatic tumors and yolk sac carcinomas. Positive staining for AAT is also used in detection of benign and malignant lesions of histiocytic nature. This antibody is may also useful tool in the screening of patients with cryptogenic cirrhosis or other forms of liver disease with fibrosis of uncertain origin.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	418
Applicable Applications for anti-SERPINA1 antibody	IHC (Immunohistochemistry)
Positive Control	HepG2 cells. Tonsil, hepatocellular carcinoma or histiocytoma (IHC).
Immunogen	Recombinant human Alpha-1-Antitrypsin (AAT) protein fragment
Cellular Localization	Cytoplasmic
Hu-chromosome Location	14q32.1
Antibody Type	Recombinant Rabbit Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Breast stained with Alpha-1-Antitrypsin Recombinant Rabbit Monoclonal Antibody (AAT/3167R).



SDS-PAGE
SDS-PAGE Analysis Purified Alpha-1-Antitrypsin Recombinant Rabbit Monoclonal (AAT/3167R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	1. Kyaw-Myint, T.O., et al. Clin Chem Acta 59:51-54, 1975. 2. Atkinson, G.W., et al. Ann Clin Lab Sci 3:345-352, 1973.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50363221
NCBI GeneID	5265
NCBI Accession #	NP_001002235.1
NCBI GenBank Nucleotide #	NP_001002235.1
UniProt Accession #	P01009
Molecular Weight	46kDa
NCBI Official Full Name	alpha-1-antitrypsin
NCBI Official Synonym Full Names	serpin family A member 1
NCBI Official Symbol	SERPINA1
NCBI Official Synonym Symbols	PI; A1A; AAT; PI1; A1AT; nNIF; PRO2275; alpha1AT
NCBI Protein Information	alpha-1-antitrypsin
UniProt Protein Name	Alpha-1-antitrypsin
UniProt Gene Name	SERPINA1
UniProt Synonym Gene Names	AAT; PI; SPAAT
UniProt Entry Name	A1AT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.