



Datasheet for ABIN6940314

Recombinant anti-SERPINA1 antibody



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	SERPINA1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SERPINA1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human Alpha-1-Antitrypsin (AAT) protein fragment
Clone:	AAT-3167R
Isotype:	IgG
Specificity:	It recognizes a protein of 54 kDa, 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.
Purification:	Purified by Protein A/G

Target Details

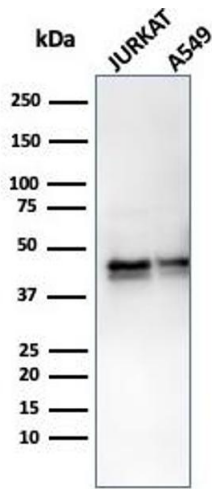
Target:	SERPINA1
Alternative Name:	SERPINA1 (SERPINA1 Products)
Molecular Weight:	46kDa
Gene ID:	5265
UniProt:	P01009

Application Details

Application Notes:	Positive Control: HepG2 cells. Tonsil, hepatocellular carcinoma or histiocytoma (IHC). Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

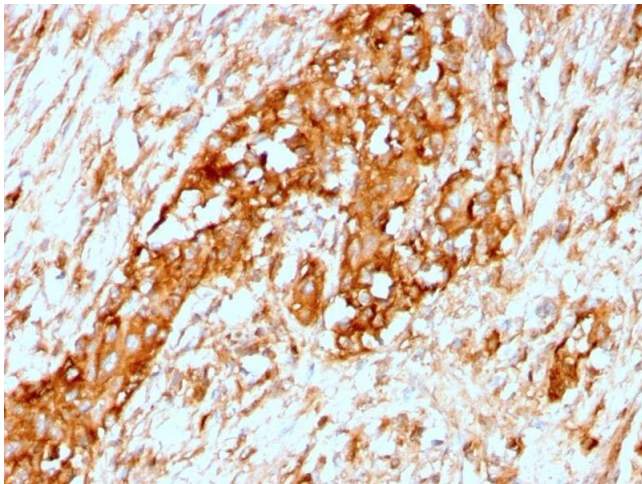
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



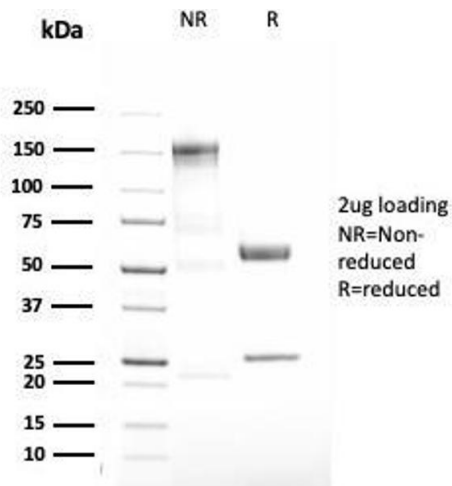
Western Blotting

Image 1. Western Blot Analysis of Jurkat and A549 cell lysate using Alpha-1-Antitrypsin Recombinant Rabbit Monoclonal (AAT/3167R).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Breast stained with Alpha-1-Antitrypsin Recombinant Rabbit Monoclonal Antibody (AAT/3167R).



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified Alpha-1-Antitrypsin Recombinant Rabbit Monoclonal (AAT/3167R). Confirmation of Purity and Integrity of Antibody.