

Product Datasheet

Serpin A1/alpha 1-Antitrypsin Antibody (AAT/1378) - Azide and BSA Free NBP3-11618

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-11618

Serpine A1/alpha 1-Antitrypsin Antibody (AAT/1378) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AAT/1378
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	46 kDa
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-48476). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	5265
Gene Symbol	SERPINA1
Species	Human
Marker	Hepatocellular & Histiocytic Marker
Specificity/Sensitivity	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.
Immunogen	Recombinant human Serpin A1/alpha 1-Antitrypsin protein fragment (Uniprot: P01009)
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

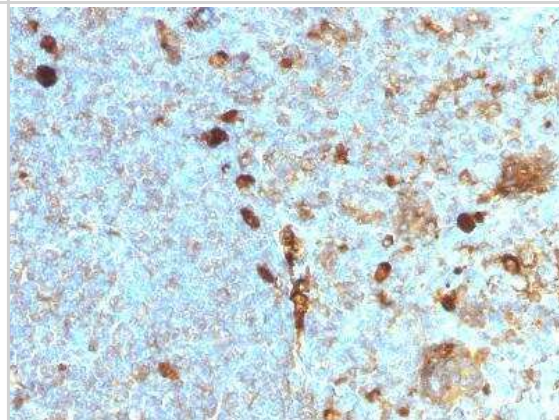


Images

Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (AAT/1378) - Azide and BSA Free [NBP3-11618] - Analysis of recombinant Alpha-1-Antitrypsin, Jurkat and A549 Cell Lysate using Alpha-1-Antitrypsin Monoclonal Antibody (AAT/1378).



Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody (AAT/1378) - Azide and BSA Free [NBP3-11618] - Analysis of human Tonsil stained with Alpha-1-Antitrypsin Monoclonal Antibody (AAT/1378).





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Products Related to NBP3-11618

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBC1-18549	Recombinant Human Serpin A1/alpha 1-Antitrypsin Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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