

Product Datasheet

Serpin A1/alpha 1-Antitrypsin Antibody (AAT/1378)

[CoraFluor™ 1]

NBP3-11618CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP3-11618CL1

Serpine A1/alpha 1-Antitrypsin Antibody (AAT/1378) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	AAT/1378
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	<p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p>
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)
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry



Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-11618CL1

NBC1-18549	Recombinant Human Serpin A1/alpha 1-Antitrypsin Protein
210-TA-005	TNF-alpha [Unconjugated]
DY1268	Serpin A1/alpha 1-Antitrypsin [Biotin]
M6000B-1	IL-6 [HRP]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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