## Human Alpha-1-Antitrypsin Antibody

Goat Polyclonal			onjugate	HRP		
Antigen Affinity Purified				5265		
-	Catalog No. A80-122P Lot No. A80-122P-28		enelD	5265	BETHYL	
L A B O R A T O R I E S ,						
APPLICATIONS		WB, IHC, ICC, ELISA				
SPECIES REACTIVITY		Human				
AMOUNT						
CONCENTRATION		1 mg/ml				
STORAGE/SHELF LIFE		2 – 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400				
ISOTYPE		IgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Goats were immunized with purified human alpha-1-antitrypsin of serum or plasma origin. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).				
		Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.				
		By immunoelectrophoresis and ELISA this antibody reacts specifically with Alpha-1- Antitrypsin. No antibody was detected other immunoglobulin serum proteins. This antibody may cross react with alpha-1-antitrypsin from other species.				
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
		Western Blot	1:1	,000 - 1:30,000		
		Immunohistochem	nistry 1:2	00 - 1:500		
		Immunocytochem	istry 1:2	00 - 1:500		
		ELISA	1:1	0,000 - 1:100,000		
APPLICATION NOTES Not all liste		Not all listed applic	d applications have been specifically tested by our laboratory.			
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A80-122P Use the link above to view SDS, a current list of citations, and other product specific information.				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Brian McWilliams, PhD Date: March 11, 2021

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2

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