

## Immunotag™ SERPINA1 Antibody

Antibody Specification	
Catalog No.	ITA6265
Product Description	Immunotag™ SERPINA1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SERPINA1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SERPINA1
Specificity	SERPINA1 Antibody detects endogenous levels of total SERPINA1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SERPINA1
Accession No.	P01009
Alternate Names	A1A; A1AT; A1AT_HUMAN; AAT; Alpha 1 antiproteinase; Alpha 1 antitrypsin; Alpha 1 antitrypsin null; Alpha 1 protease inhibitor; Alpha-1 protease inhibitor; Alpha-1-antiproteinase; alpha1 proteinase inhibitor; Alpha1AT; Dom1; PI; PI1; PRO2275; Serine (or cysteine) proteinase inhibitor clade A member 1; Serine protease inhibitor 1-1; Serine protease inhibitor A1a; Serpin A1; Serpin A1a; Serpin peptidase inhibitor clade A member 1; Serpina1; Short peptide from AAT; SPAAT; Spi1-1;

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Description	Inhibitor of serine proteases. Its primary target is elastase, but it also has a moderate affinity for plasmin and thrombin. Irreversibly inhibits trypsin, chymotrypsin and plasminogen activator. The aberrant form inhibits insulin-induced NO synthesis in platelets, decreases coagulation time and has proteolytic activity against insulin and plasmin.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	47kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.