

## Product datasheet for **TA319137**

### alpha 1 Antitrypsin (SERPINA1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000 - 1:600,000, WB: 1:2,000 - 1:10,000, IHC: 1:500 - 1:2,500
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Human Alpha-1-anti-Trypsin
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	serpin family A member 1
Database Link:	<a href="#">NP_000286</a> <a href="#">Entrez Gene 5265 Human</a> <a href="#">P01009</a>
Synonyms:	A1A; A1AT; AAT; alpha1AT; PI; PI1; PRO2275
Note:	ALPHA-1-ANTI-TRYPSIN Antibody is specific for alpha-1-anti-trypsin. Alpha 1-Antitrypsin or a1-antitrypsin (A1AT) is a protease inhibitor belonging to the serpin superfamily and is generally known as serum trypsin inhibitor. Alpha-1-anti-trypsin protects tissues from enzymes of inflammatory cells. A1AT antibody is suitable for immunology and cardiovascular researcher.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein
Protein Pathways:	Complement and coagulation cascades



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**Product images:**

Anti-Trypsin Polyclonal Antibody-Multiplex Fluorescent WB. Lane 1: MW marker. Lane 2: Alpha-1-Anti-Trypsin (red), Rabbit anti-Transferrin, and Mouse-a-GST were used in a multiplex system to detect target proteins under reducing conditions in albumin depleted human serum. Primary antibody: Each primary antibody at 1:1000. Secondary antibody: DyLight549 Donkey anti-Rabbit IgG (green), DyLight 488 Donkey anti-Mouse IgG (blue), and DyLight 649 Donkey anti-Goat IgG (red) secondary antibody.