

## Product datasheet for **TA321102**

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

#### Product data:

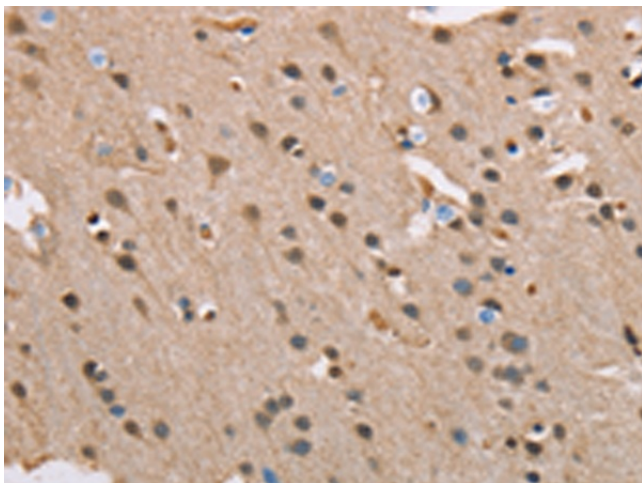
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 25-307 amino acids of human serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
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 P01009</a>
Background:	The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.
Synonyms:	A1A; A1AT; AAT; alpha1AT; PI; PI1; PRO2275
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein



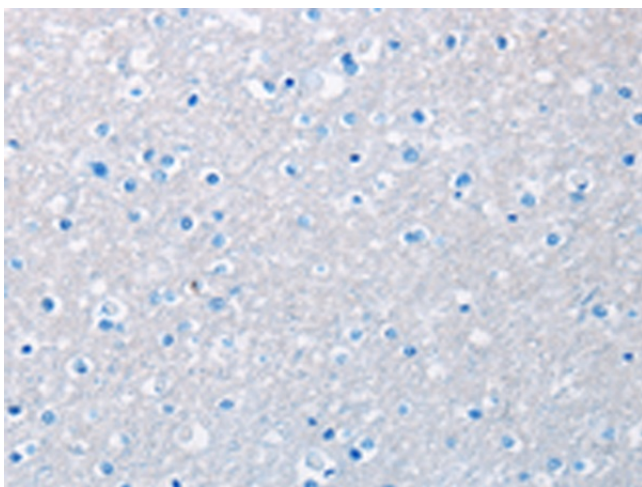
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Protein Pathways: Complement and coagulation cascades

**Product images:**



Immunohistochemistry of paraffin-embedded Human brain tissue using TA321102 (SERPINA1 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA321102 (SERPINA1 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)