

## Rabbit Antithrombin Polyclonal Antibody | anti-AT antibody

Antithrombin (AT) Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY             | APPLICATIONS                                                   |
|-----------|--------|------------------------|----------------------------------------------------------------|
| AAA145346 | Rabbit | Human, Mouse, Rat, Pig | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

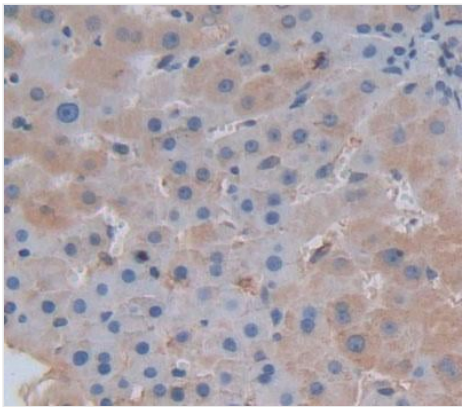
### PRODUCT SYNONYMS

Antithrombin; Polyclonal Antibody; Antithrombin (AT) Polyclonal Antibody; AT3; ATIII; SERPINC1; Anti-Thrombin Antibodies; Serpin Peptidase Inhibitor Clade C Member 1; Coding Sequence Signal Peptide Antithrombin Part 1; anti-AT antibody

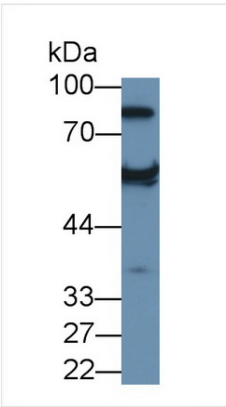
### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity                                   | Human, Mouse, Rat, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality                                    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity                                  | The antibody is a rabbit polyclonal antibody raised against AT. It has been selected for its ability to recognize AT in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                       |
| Purity/Purification                          | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format                                  | Supplied as solution form in PBS, pH7.4 containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence Length                              | 464                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for anti-AT antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                  |
| Immunoglobulin Type                          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate                                    | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Cross Reactivity                             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Organism Species                             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Fragment                                     | AT (Met1~Ser259)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Quality Control                              | Content: The quality control contains recombinant AT (Met1~Ser259) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemilumescient (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                          | The Cy3 conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                      | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                    |

IMAGES



IHC (Immunohistochemistry)  
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4502261                                                                |
| NCBI GeneID                      | 462                                                                    |
| NCBI Accession #                 | NP_000479.1                                                            |
| NCBI GenBank Nucleotide #        | NM_000488.3                                                            |
| UniProt Accession #              | P01008; P78439; P78447; Q13815; Q5TC78; Q7KZ43; Q7KZ97; Q9UC78; B2R6P0 |
| Molecular Weight                 | 52,602 Da                                                              |
| NCBI Official Full Name          | antithrombin-III                                                       |
| NCBI Official Synonym Full Names | serpin family C member 1                                               |
| NCBI Official Symbol             | SERPINC1                                                               |
| NCBI Official Synonym Symbols    | AT3; AT3D; ATIII; THPH7                                                |
| NCBI Protein Information         | antithrombin-III                                                       |
| UniProt Protein Name             | Antithrombin-III                                                       |
| UniProt Gene Name                | SERPINC1                                                               |
| UniProt Synonym Gene Names       | AT3; ATIII                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/antithrombin-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145346>