

## Rabbit SERPINA3 Polyclonal Antibody | anti-SERPINA3 antibody

SERPINA3 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA313815 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

SERPINA3; Polyclonal Antibody; SERPINA3 Rabbit Polyclonal Antibody; AACT; ACT; GIG24; GIG25; anti-SERPINA3 antibody

### PRODUCT SPECIFICATIONS

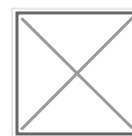
|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                 |
| Reactivity                                         | Human, Mouse, Rat                                                      |
| Clonality                                          | Polyclonal                                                             |
| Isotype                                            | IgG                                                                    |
| Purity/Purification                                | Affinity purification                                                  |
| Form/Format                                        | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.              |
| Applicable Applications for anti-SERPINA3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                          | Recombinant fusion protein of human SERPINA3 (NP_001076.2).            |
| Preparation and Storage                            | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SERPINA3 at 1:1000 dilution.



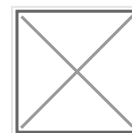
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using SERPINA3 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using SERPINA3 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using SERPINA3 at dilution of 1:100 (40x lens).

### ADDITIONAL INFORMATION

#### Related Product Information for anti-SERPINA3 antibody

The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 112874                                                                                                                                                                                                   |
| NCBI GeneID                      | 12                                                                                                                                                                                                       |
| UniProt Accession #              | P01011; Q13703; Q2TU87; Q2TU88; Q59GP9; Q6LBY8; Q6LDT7; Q6NSC9; Q8N177; Q96DW8; Q9UC47; B3KVQ7                                                                                                           |
| Molecular Weight                 | 423                                                                                                                                                                                                      |
| NCBI Official Full Name          | Alpha-1-antichymotrypsin                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3                                                                                                                      |
| NCBI Official Symbol             | SERPINA3                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | ACT; AACT; GIG24; GIG25                                                                                                                                                                                  |
| NCBI Protein Information         | alpha-1-antichymotrypsin; serpin A3; growth-inhibiting protein 24; growth-inhibiting protein 25; cell growth-inhibiting gene 24/25 protein; serine (or cysteine) proteinase inhibitor, clade A, member 3 |
| UniProt Protein Name             | Alpha-1-antichymotrypsin                                                                                                                                                                                 |
| UniProt Gene Name                | <b>SERPINA3</b>                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | AACT; ACT                                                                                                                                                                                                |
| UniProt Entry Name               | AACT_HUMAN                                                                                                                                                                                               |

**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/serpina3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313815>