

## Rabbit anti-Human SERPING1 Polyclonal Antibody | anti-SERPING1 antibody

SERPING1 Antibody

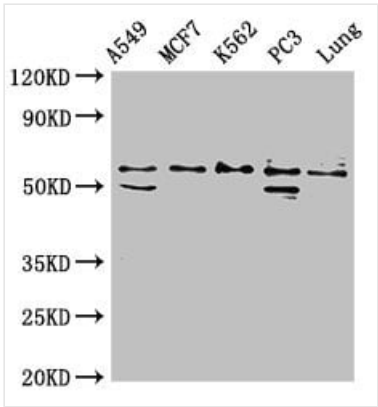
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA232664 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

SERPING1; Polyclonal Antibody; SERPING1 Antibody; Plasma protease C1 inhibitor; C1 Inh; C1Inh; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1; C1IN; C1NH; anti-SERPING1 antibody

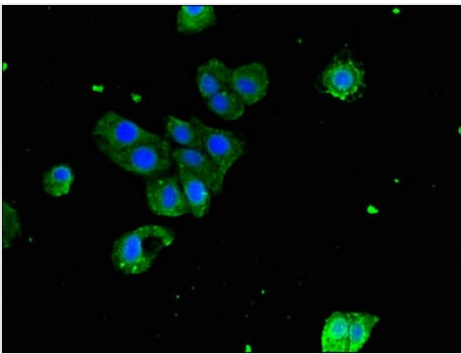
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                         |
| Reactivity                                         | Human                                                                                                          |
| Clonality                                          | Polyclonal                                                                                                     |
| Isotype                                            | IgG                                                                                                            |
| Purity/Purification                                | >95%, Protein G purified                                                                                       |
| Form/Format                                        | Liquid                                                                                                         |
| Sequence Length                                    | 500                                                                                                            |
| Applicable Applications for anti-SERPING1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                     |
| Immunogen                                          | Recombinant Human Plasma protease C1 inhibitor protein (23-300AA)                                              |
| Preservative                                       | 0.03% Proclin 300                                                                                              |
| Constituents                                       | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                        | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                             | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46297 / sc-46298 / sc-67150            |
| Preparation and Storage                            | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |



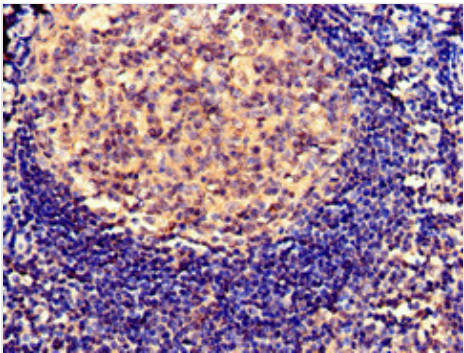
WB (Western Blot)

Western BlotPositive WB detected in: A549 whole cell lysate,MCF-7 whole cell lysate,K562 whole cell lysate,PC3 whole cell lysate,Rat lung tissueAll lanes: SERPING1 antibody at 2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 56,50 KDaObserved band size: 56 KDa



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232664 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232664 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SERPING1 antibody | Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein. |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 73858568                                                                                       |
| NCBI GeneID                      | 710                                                                                            |
| NCBI Accession #                 | NP_000053.2                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000062.2                                                                                    |
| UniProt Accession #              | P05155; Q16304; Q547W3; Q59EI5; Q7Z455; Q96FE0; Q9UC49; A6NMU0; A8KAI9; B2R6L5; B4E1F0; B4E1H2 |
| Molecular Weight                 | 55,769 Da                                                                                      |
| NCBI Official Full Name          | plasma protease C1 inhibitor                                                                   |
| NCBI Official Synonym Full Names | serpin family G member 1                                                                       |
| NCBI Official Symbol             | SERPING1                                                                                       |

|                               |                               |
|-------------------------------|-------------------------------|
| NCBI Official Synonym Symbols | C1IN; C1NH; HAE1; HAE2; C1INH |
| NCBI Protein Information      | plasma protease C1 inhibitor  |
| UniProt Protein Name          | Plasma protease C1 inhibitor  |
| UniProt Gene Name             | <b>SERPING1</b>               |
| UniProt Synonym Gene Names    | C1IN; C1NH; C1 Inh; C1Inh     |
| UniProt Entry Name            | IC1_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/serping1-antibody-immunofluorescence-immunohistochemistry-elisa/232664>