

## Rabbit C3/C3b Polyclonal Antibody | anti-C3/C3b antibody

C3/C3b Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175878</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

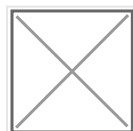
### PRODUCT SYNONYMS

C3/C3b; Polyclonal Antibody; C3/C3b Polyclonal Antibody; AHUS5; ARMD9; ASP; C3; CO3; Complement C3; Complement factor 3; CPAMD1; Plp; anti-C3/C3b antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                         |
|--------------------------------------------------|---------------------------------------------------------|
| Host                                             | Rabbit                                                  |
| Reactivity                                       | Human, Mouse, Rat                                       |
| Clonality                                        | Polyclonal                                              |
| Isotype                                          | IgG                                                     |
| Purity/Purification                              | Antigen Affinity Purification                           |
| Form/Format                                      | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Sequence Length                                  | 1663                                                    |
| Applicable Applications for anti-C3/C3b antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                        | Synthetic peptide of human C3/C3b                       |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using C3/C3b Polyclonal Antibody at dilution of 1:35(×200)

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-C3/C3b antibody | Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form the mature protein, which is then further processed to generate numerous peptide products. The C3a peptide, also known as the C3a anaphylatoxin, modulates inflammation and possesses antimicrobial activity. Mutations in this gene are associated with atypical hemolytic uremic syndrome and age-related macular degeneration in human patients. |
| Product Categories/Family for anti-C3/C3b antibody   | <a href="#">Cancer</a> ; <a href="#">Immunology</a> ; <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 152012784                                      |
| NCBI GeneID                      | 718                                            |
| UniProt Accession #              | P01024                                         |
| NCBI Official Full Name          | Complement component 3                         |
| NCBI Official Synonym Full Names | complement C3                                  |
| NCBI Official Symbol             | C3                                             |
| NCBI Official Synonym Symbols    | ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p |
| NCBI Protein Information         | complement C3                                  |
| UniProt Protein Name             | Complement C3                                  |
| UniProt Gene Name                | C3                                             |
| UniProt Synonym Gene Names       | CPAMD1; ASP                                    |
| UniProt Entry Name               | CO3_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/c3-c3b-antibody-immunohistochemistry-elisa/175878>