

## Rabbit CFP Polyclonal Antibody | anti-CFP antibody

CFP Polyclonal Antibody

|                               |                       |                                        |                                                                               |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA280007</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|

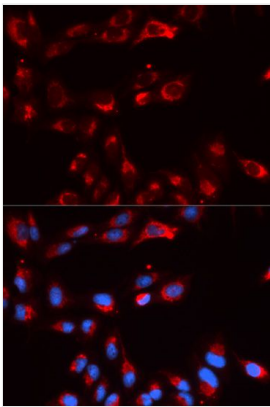
### PRODUCT SYNONYMS

CFP; Polyclonal Antibody; CFP Polyclonal Antibody; BFD; PFC; PFD; PROPERDIN; anti-CFP antibody

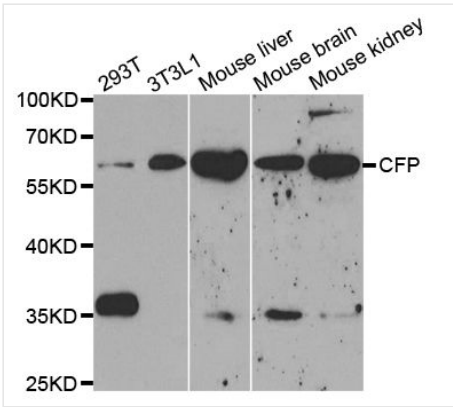
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Isotype                                       | IgG                                                                                                                                                   |
| Purity/Purification                           | Affinity Purification                                                                                                                                 |
| Form/Format                                   | PBS with 0.05% proclin300,50% glycerol,pH7.3.                                                                                                         |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                               | 469                                                                                                                                                   |
| Applicable Applications for anti-CFP antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                       | Human                                                                                                                                                 |
| Immunogen                                     | Recombinant Protein                                                                                                                                   |
| Immunogen                                     | Recombinant protein of human CFP                                                                                                                      |
| Calculated Molecular Weight                   | 51kDa                                                                                                                                                 |
| Preparation and Storage                       | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence analysis of U2OS cells using CFP antibody. Blue: DAPI for nuclear staining.



**WB (Western Blot)**  
Western blot analysis of extracts of mouse spleen, using CFP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CFP antibody | This gene encodes a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3- and C5- convertase enzyme complexes in a feedback loop that ultimately leads to formation of the membrane attack complex and lysis of the target cell. Mutations in this gene result in two forms of properdin deficiency, which results in high susceptibility to meningococcal infections. Multiple alternatively spliced variants, encoding the same protein, have been identified. |
| Product Categories/Family for anti-CFP antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 464473                                                         |
| NCBI GeneID                      | 5199                                                           |
| UniProt Accession #              | P27918; O15134; O15135; O15136; O75826                         |
| Molecular Weight                 | 469                                                            |
| NCBI Official Full Name          | Properdin                                                      |
| NCBI Official Synonym Full Names | complement factor properdin                                    |
| NCBI Official Symbol             | CFP                                                            |
| NCBI Official Synonym Symbols    | BFD; PFC; PFD; PROPERDIN                                       |
| NCBI Protein Information         | properdin; complement factor P; properdin P factor, complement |
| UniProt Protein Name             | Properdin                                                      |
| UniProt Gene Name                | CFP                                                            |
| UniProt Synonym Gene Names       | PFC                                                            |
| UniProt Entry Name               | PROP_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.

