

## Rabbit anti-Human CFL1 Polyclonal Antibody | anti-CFL1 antibody

CFL1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA231585 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

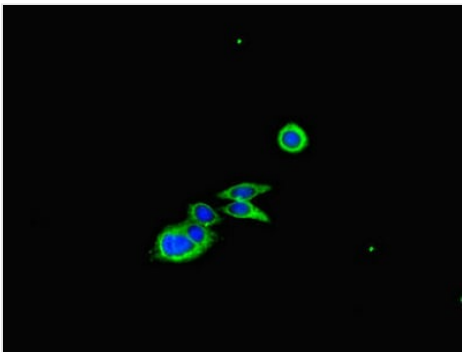
### PRODUCT SYNONYMS

CFL1; Polyclonal Antibody; CFL1 Antibody; Cofilin-1; 18 kDa phosphoprotein; p18; Cofilin; non-muscle isoform; CFL; anti-CFL1 antibody

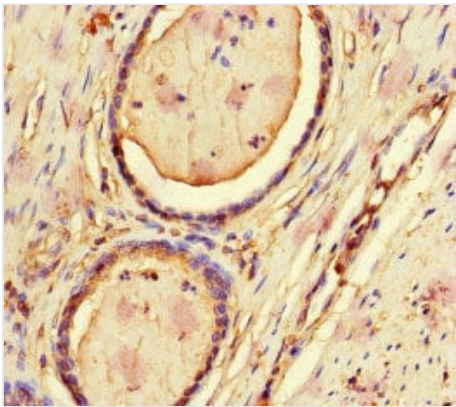
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | >95%, Protein G purified                                                                                       |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 166                                                                                                            |
| Applicable Applications for anti-CFL1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                     |
| Species                                        | Human                                                                                                          |
| Immunogen                                      | Recombinant human Cofilin-1 protein                                                                            |
| Conjugate                                      | Non-conjugated                                                                                                 |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                               |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-32157 / sc-32158 / sc-8441 / sc-33779  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

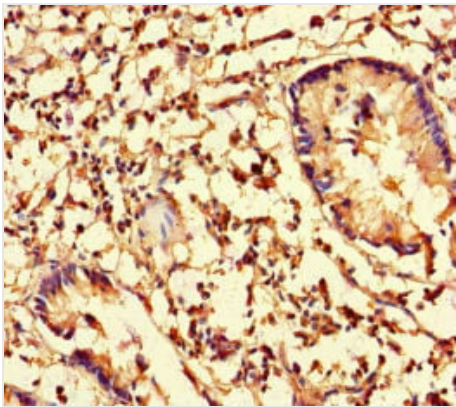
IMAGES



**IHC (Immunohistochemisry)**  
Immunofluorescent analysis of HepG2 cells using AAA231585 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of paraffin-embedded human prostate cancer using AAA231585 at dilution of 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human appendix tissue using AAA231585 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CFL1 antibody | Binds to F-actin and exhibits pH-sensitive F-actin depolymerizing activity. Regulates actin cytoskeleton dynamics. Important for normal progress through mitosis and normal cytokinesis. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required for the up-regulation of atypical chemokine receptor ACKR2 from endosomal compartment to cell membrane, increasing its efficiency in chemokine uptake and degradation (PubMed:11812157, PubMed:15580268, PubMed:21834987, PubMed:23633677). Required for neural tube morphogenesis and neural crest cell migration (By similarity). |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 5031635                        |
| NCBI GeneID                      | 1072                           |
| NCBI Accession #                 | NP_005498.1                    |
| NCBI GenBank Nucleotide #        | NM_005507.2                    |
| UniProt Accession #              | P23528; Q53Y87; Q9UCA2; B3KUQ1 |
| Molecular Weight                 | 18,502 Da                      |
| NCBI Official Full Name          | cofilin-1                      |
| NCBI Official Synonym Full Names | cofilin 1                      |

|                               |                        |
|-------------------------------|------------------------|
| NCBI Official Symbol          | CFL1                   |
| NCBI Official Synonym Symbols | CFL; cofilin; HEL-S-15 |
| NCBI Protein Information      | cofilin-1              |
| UniProt Protein Name          | Cofilin-1              |
| UniProt Gene Name             | <b>CFL1</b>            |
| UniProt Synonym Gene Names    | CFL; p18               |
| UniProt Entry Name            | COF1_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://www.aaabiotech.com/polyclonal/cfl1-antibody-immunofluorescence-immunohistochemistry-elisa/231585>