

## Rabbit PFN2/Profilin 2 Polyclonal Antibody | anti-PFN2 antibody

Anti-PFN2/Profilin 2 Antibody (Internal)

| CATALOG # | HOST   | REACTIVITY                                     | APPLICATIONS                       |
|-----------|--------|------------------------------------------------|------------------------------------|
| AAA162366 | Rabbit | Human<br>Predicted: Mouse, Bovine, Rat, Monkey | Western Blot, Immunohistochemistry |

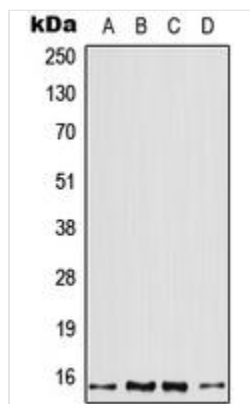
### PRODUCT SYNONYMS

PFN2/Profilin 2; Polyclonal Antibody; Anti-PFN2/Profilin 2 Antibody (Internal); Rabbit Polyclonal to Human PFN2/Profilin 2; PFN2; D3S1319E; PFL; Profilin II; Profilin-2; Profilin 2; anti-PFN2 antibody

### PRODUCT SPECIFICATIONS

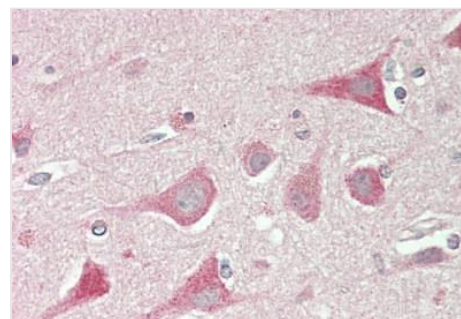
|                                                |                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                  |
| Reactivity                                     | Human<br>Predicted: Mouse, Bovine, Rat, Monkey                                                          |
| Clonality                                      | Polyclonal                                                                                              |
| Specificity                                    | Recognizes endogenous levels of Profilin 2 protein.                                                     |
| Purity/Purification                            | Immunoaffinity Purified                                                                                 |
| Form/Format                                    | PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.                                                          |
| Sequence Length                                | 140                                                                                                     |
| Applicable Applications for anti-PFN2 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                           |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the central region of human Profilin 2. |
| Conjugation                                    | Unconjugated                                                                                            |
| Epitope                                        | Internal                                                                                                |
| Preparation and Storage                        | Store at -20 degree C.<br>Aliquot to avoid freeze/thaw cycles.                                          |

### IMAGES



#### WB (Western Blot)

Western blot analysis of Profilin 2 expression in A431 (A); H1299 (B); mouse brain (C); rat skeletal muscle (D) whole cell lysates.



#### IHC (Immunohistochemistry)

Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PFN2 antibody | Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG. |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4505751                                        |
| NCBI GeneID                      | 5217                                           |
| NCBI Accession #                 | NP_002619.1                                    |
| NCBI GenBank Nucleotide #        | NM_002628.4                                    |
| UniProt Accession #              | P35080; Q4VBQ4; Q8WVF9; Q9HBK2; B2R4C8; D3DNI4 |
| Molecular Weight                 | 15,088 Da                                      |
| NCBI Official Full Name          | profilin-2 isoform b                           |
| NCBI Official Synonym Full Names | profilin 2                                     |
| NCBI Official Symbol             | PFN2                                           |
| NCBI Official Synonym Symbols    | PFL; D3S1319E                                  |
| NCBI Protein Information         | profilin-2                                     |
| UniProt Protein Name             | Profilin-2                                     |
| UniProt Gene Name                | PFN2                                           |

**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/pfn2-profilin-2-antibody-western-blot-immunohistochemistry-elisa/162366>