10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-PFN2 / Profilin 2 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18415

Specification

Anti-PFN2 / Profilin 2 Antibody (Internal) - Product Information

Application	**WB, IHC-P**
Primary Accession	P35080
Predicted	**Human, Mouse, Rat, Monkey, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**15046**

Anti-PFN2 / Profilin 2 Antibody (Internal) - Additional Information

Gene ID 5217

Alias Symbol	**PFN2**

Other Names
PFN2, D3S1319E, PFL, Profilin II, Profilin-2, Profilin 2

Target/Specificity
Recognizes endogenous levels of Profilin 2 protein.

Reconstitution & Storage
Immunoaffinity purified

Precautions
Anti-PFN2 / Profilin 2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-PFN2 / Profilin 2 Antibody (Internal) - Protein Information

Name PFN2

Function
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.

Cellular Location
Cytoplasm, cytoskeleton.

Tissue Location
Highly expressed in brain, skeletal muscle and kidney and less strongly in heart, placenta, lung and liver

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Anti-PFN2 / Profilin 2 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PFN2 / Profilin 2 Antibody (Internal) - Images