

Profilin 2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51969**Specification**

Profilin 2 Antibody - Product Information

Application	WB, E
Primary Accession	P35080
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15 KDa

Profilin 2 Antibody - Additional Information**Gene ID** 5217**Other Names**

Profilin-2, Profilin II, PFN2

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Profilin 2 Antibody - 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

Profilin 2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Profilin 2 Antibody - Images

Profilin 2 Antibody - Background

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.

Profilin 2 Antibody - References

Honore B., et al. FEBS Lett. 330:151-155(1993).
Lambrechts A., et al. Mol. Cell. Biol. 20:8209-8219(2000).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lubec G., et al. Submitted (DEC-2008) to UniProtKB.