

# Profilin 1 Polyclonal Antibody

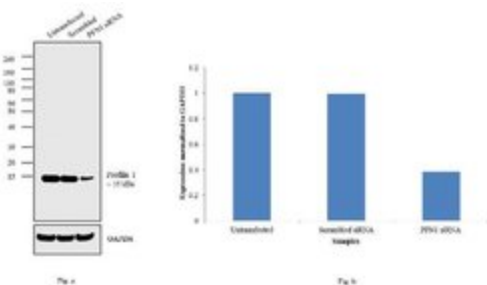
Product Details	
Size	100 µL
Species Reactivity	Bovine, Human, Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to human profilin-1
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_10984035

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:100	-
Immunocytochemistry (ICC)	1:50	-
Immunofluorescence (IF)	1:50	-
Western Blot (WB)	1:1000	-

## Product Specific Information

It is not recommended to aliquot this antibody.

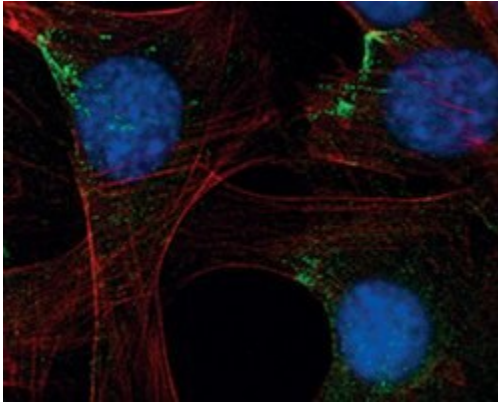
## Advanced Verification Data



### Profilin 1 Antibody (PA5-17444)

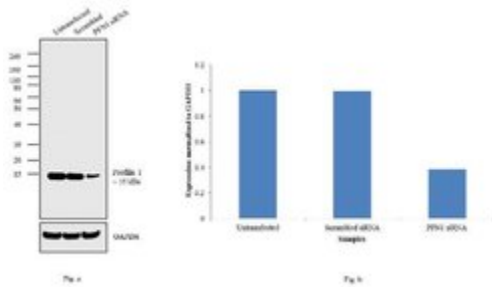
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Profilin 1 siRNA and loss of signal was observed in Western Blot using Anti-Profilin 1 Polyclonal Antibody (Product # PA5-17444). Knockdown validation info.

## Product Images For Profilin 1 Polyclonal Antibody



### Profilin 1 Antibody (PA5-17444) in IF

Immunofluorescent analysis of Profilin-1 in C2C12 cells using a Profilin-1 polyclonal antibody (Product # PA5-17444) (green). Actin filaments are labeled with a fluorescent red phalloidin. DNA is labeled using a fluorescent blue dye.



### Profilin 1 Antibody (PA5-17444) in WB

Knockdown of Profilin 1 was achieved by transfecting HeLa cells with Profilin 1 specific siRNAs (Silencer® select Product # s10375, s10376). Western blot analysis (Fig. a) was performed using whole cell extracts from the Profilin 1 knockdown cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blots were probed with Profilin 1 Polyclonal Antibody (Product # PA5-17444, 1:1000 dilution) and Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to Profilin 1.

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