

Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody
Catalog # ABO14008**Specification**

Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P07737
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 5216

Other Names

Profilin-1, Epididymis tissue protein Li 184a, Profilin I, PFN1

Calculated MW

15054 MW KDa

Application Details

WB 1:1000-1:5000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50
FC 1:200

Subcellular Localization

Cytoplasm, cytoskeleton.

Tissue Specificity

Expressed in epididymis (at protein level)..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Profilin1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody - Protein Information

Name PFN1

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. Inhibits androgen receptor (AR) and HTT aggregation and binding of G-actin is essential for its inhibition of AR.

Cellular Location

Cytoplasm, cytoskeleton.

Tissue Location

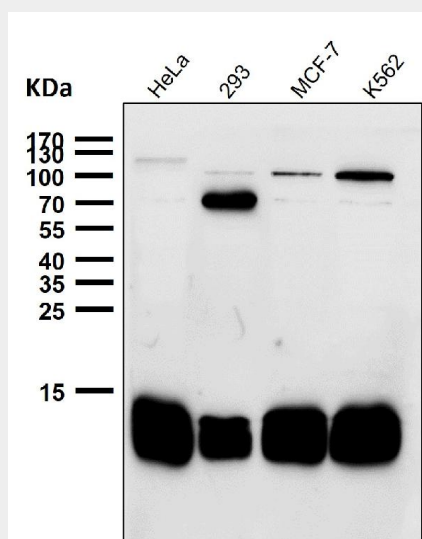
Expressed in epididymis (at protein level).

Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody - Protocols

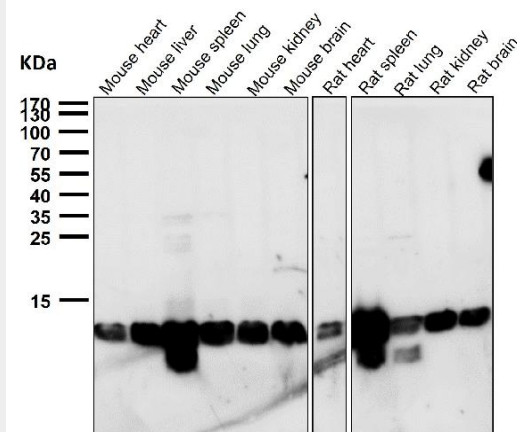
Provided below are standard protocols that you may find useful for product applications.

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

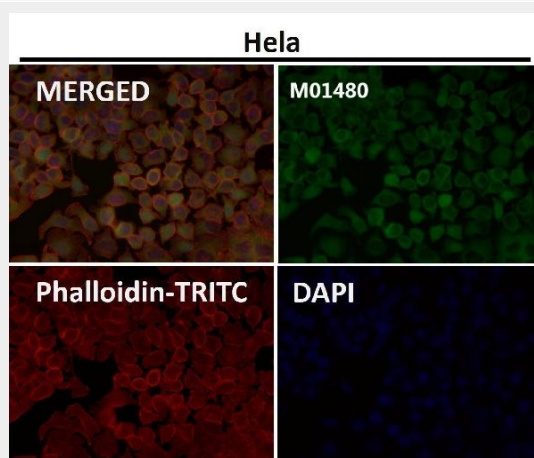
Anti-Profilin1 PFN1 Rabbit Monoclonal Antibody - Images



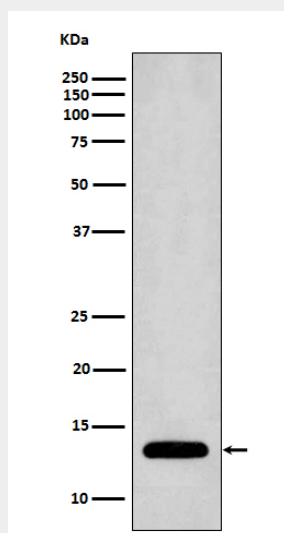
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Western blot analysis of Profilin1 expression in Jurkat cell lysate.