

MPRIP / RIP3 Antibody (aa723-772)
Rabbit Polyclonal Antibody
Catalog # ALS15504**Specification**

MPRIP / RIP3 Antibody (aa723-772) - Product Information

Application	IHC
Primary Accession	O6WCO1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117kDa KDa

MPRIP / RIP3 Antibody (aa723-772) - Additional Information**Gene ID** 23164**Other Names**

Myosin phosphatase Rho-interacting protein, M-RIP, Rho-interacting protein 3, RIP3, p116Rip, MPRIP

Target/Specificity

MPRIP Antibody detects endogenous levels of total MPRIP protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

MPRIP / RIP3 Antibody (aa723-772) is for research use only and not for use in diagnostic or therapeutic procedures.

MPRIP / RIP3 Antibody (aa723-772) - Protein Information**Name** MPRIP**Synonyms** KIAA0864, MRIP, RHOIP3 {ECO:0000312|EMBL**Function**

Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MRIP as well as its F-actin- binding region leads to disassembly of stress fibers in neuronal cells.

Cellular Location

Cytoplasm, cytoskeleton Note=Colocalizes with F-actin

Volume

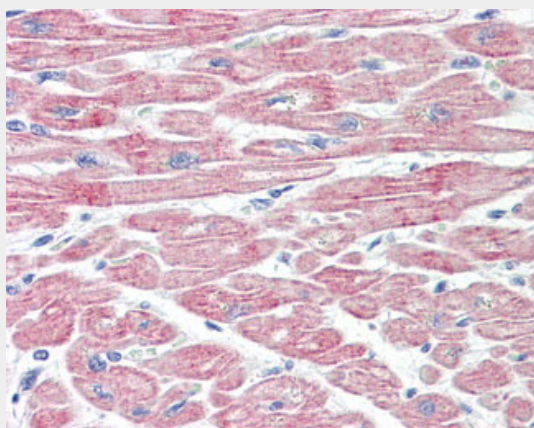
50 µl

MPRIP / RIP3 Antibody (aa723-772) - 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](#)

MPRIP / RIP3 Antibody (aa723-772) - Images



Anti-MPRIP / RIP3 antibody IHC of human heart.

MPRIP / RIP3 Antibody (aa723-772) - Background

Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MPRIP as well as its F- actin-binding region leads to disassembly of stress fibers in neuronal cells.

MPRIP / RIP3 Antibody (aa723-772) - References

Surks H.K., et al. J. Biol. Chem. 278:51484-51493(2003).
Koga Y., et al. J. Biol. Chem. 280:4983-4991(2005).
Inazawa J., et al. Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Zody M.C., et al. Nature 440:1045-1049(2006).
Bechtel S., et al. BMC Genomics 8:399-399(2007).