

M-RIP Polyclonal Antibody
Catalog # AP72331**Specification**

M-RIP Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q6WCO1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

M-RIP Polyclonal Antibody - Additional Information**Gene ID** 23164**Other Names**

MPRIP; KIAA0864; MRIP; RHOIP3; Myosin phosphatase Rho-interacting protein; M-RIP; Rho-interacting protein 3; RIP3; p116Rip

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

M-RIP Polyclonal Antibody - 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

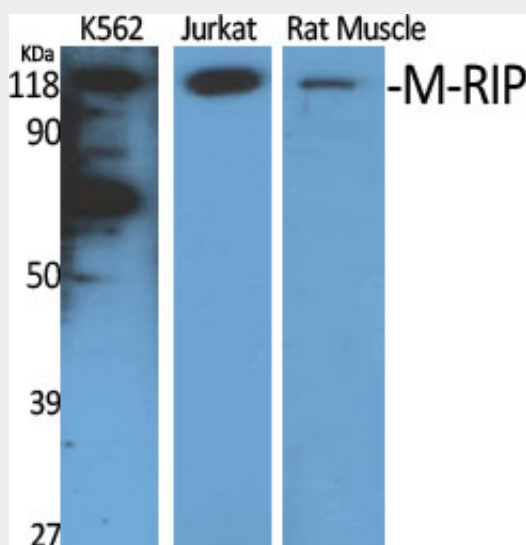
Cytoplasm, cytoskeleton Note=Colocalizes with F-actin

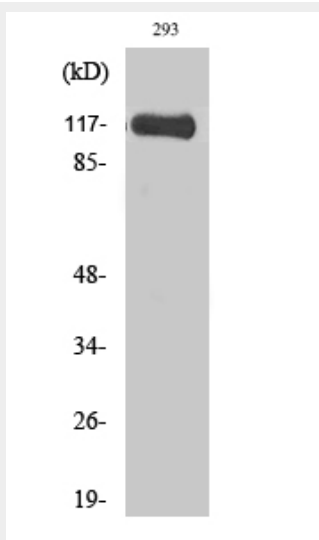
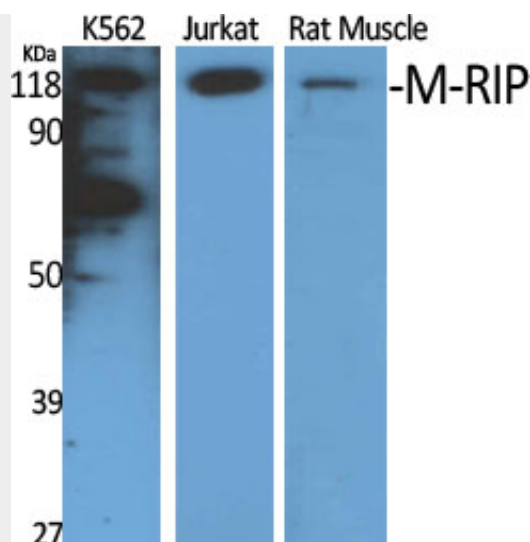
M-RIP Polyclonal Antibody - Protocols

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](#)

M-RIP Polyclonal Antibody - Images





M-RIP Polyclonal Antibody - 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 MRIP as well as its F- actin-binding region leads to disassembly of stress fibers in neuronal cells.