

M-RIP Polyclonal Antibody

Catalog # AP72331

Product Information

Application	WB, E, IHC-P
Primary Accession	Q6WCQ1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	116533

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. E~~N/A IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

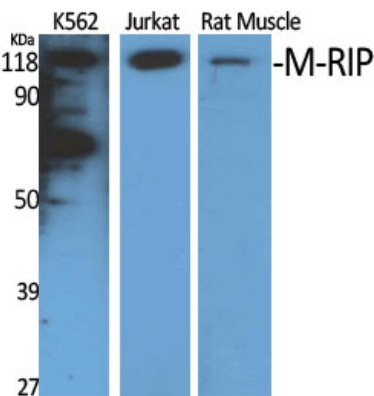
Name	MPRIP
Synonyms	KIAA0864, MRIP, RHOIP3 {ECO:0000312 EMBL
Function	Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of 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

Background

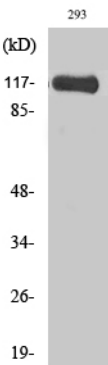
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region leads to disassembly of stress fibers in neuronal cells.

Images



Western Blot analysis of various cells using M-RIP Polyclonal Antibody



Western Blot analysis of 293 cells using M-RIP Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.