

## M-RIP Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05559
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human M-RIP.
<b>Mol wt</b>	116446
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	M-RIP Antibody
<b>Synonyms</b>	MPRIP; KIAA0864; MRIP; RHOIP3; Myosin phosphatase Rho-interacting protein; M-RIP; Rho-interacting protein 3; RIP3; p116Rip

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

MPRIP (Myosin Phosphatase Rho Interacting Protein) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include actin binding. 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.

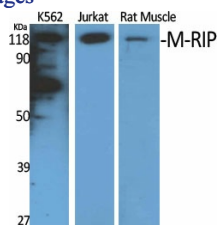
### Recommended Dilution

WB: 1: 500 - 1: 2000

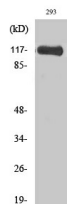
ELISA: 1: 5000

Not yet tested in other applications.

### Images



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



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

## Storage

-20°C for one year

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