

# M-RIP Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP05558

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MPRIP. AA range:723-772

**Mol wt** 116446

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application IHC-p, WB, ELISA

Concentration 1 mg/ml

Full name M-RIP Antibody

Synonyms 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

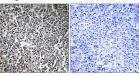
MPRIP (Myosin Phosphatase Rho Interacting Protein) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include actin binding. Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an 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 - 2000 ELISA: 1: 40000 IHC: 1: 100 - 1: 300

Not yet tested in other applications.

#### Images



Immunohistochemistry analysis of paraffin-embedded human lymph node tissue, using MPRIP Antibody. The picture on the right is blocked with the synthesized peptide.

# Storage

-20°C for one year