

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

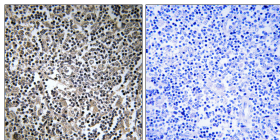
WB: 1: 500 - 2000

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