

MPRIP polyclonal antibody

Catalog: BS65152

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

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., similarity: Contains 1 PH domain., similarity: Contains 2 PH domains., subcellular location: Colocalizes with F-actin., subunit: Binds F-actin through its N-terminus (By similarity). Binds RHOA, PPP1R12A/MBS and PPP1R12C/MBS85 through adjacent coiled coil domains.,

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 115 kDa

Swiss-Prot:

Q6WCQ1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

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

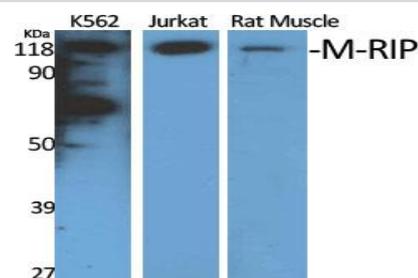
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

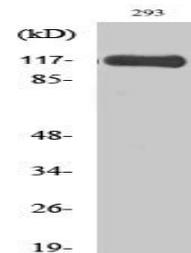
Specificity:

M-RIP Polyclonal Antibody detects endogenous levels of M-RIP protein.

DATA:



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



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

Note:

For research use only, not for use in diagnostic procedure.

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