

M-RIP Polyclonal Antibody

Catalog No: YT4148

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA;IHC

Target: M-RIP

Gene Name: MPRIP

Protein Name: Myosin phosphatase Rho-interacting protein

Q6WCQ1

P97434

Human Gene Id: 23164/23164

Human Swiss Prot

No:

Mouse Gene ld: 26936

Mouse Swiss Prot

No:

Rat Gene Id: 116504

Rat Swiss Prot No: Q9ERE6

Immunogen: Synthesized peptide derived from the Internal region of human M-RIP.

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

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

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 115kD

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.,

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Subcellular Location:

Cytoplasm, cytoskeleton . Colocalizes with F-actin.

Expression: Aorta, Brain, Epithelium, Lymph, Melanoma, Muscle, Ovary, Tongue,

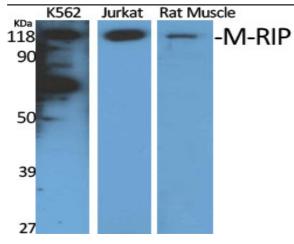
Sort: 10216

No4: 1

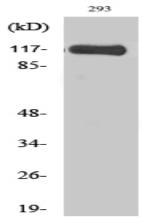
Host: Rabbit

Modifications: Unmodified

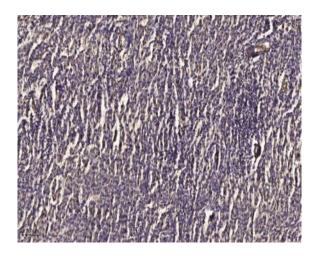
Products Images



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



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



Immunohistochemical analysis of paraffin-embedded human meningioma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).