

Anti-MPRIP Antibody



Model	STJ117604
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-310 of human MPRIP (NP_055949.2).
Gene ID	23164
Gene Symbol	MPRIP
Dilution range	WB 1:200 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Myosin phosphatase Rho-interacting protein M-RIP Rho-interacting protein 3 RIP3 p116Rip
Molecular Weight	116.533 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:30321 OMIM:612935 Reactome:R-HSA-6802952
Alternative Names	Myosin phosphatase Rho-interacting protein M-RIP Rho-interacting protein 3

RIP3 p116Rip

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,

Cellular Localization

Cytoplasm, cytoskeleton,

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