

Rabbit anti-Human MPRIP/M-RIP Polyclonal Antibody | anti-MPRIP/M-RIP antibody

Rabbit anti-MPRIP/M-RIP Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212960	Rabbit	Human	Immunoprecipitation, Western Blot

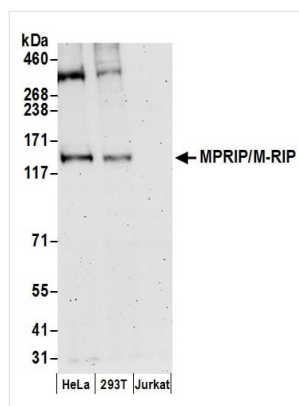
PRODUCT SYNONYMS

MPRIP/M-RIP; Polyclonal Antibody; Rabbit anti-MPRIP/M-RIP Antibody; Affinity Purified; RIP3; RHOIP3; Rho-interacting protein 3; Rho interacting protein 3; p116Rip; myosin phosphatase Rho-interacting protein; MRIP; M-RIP; Myosin phosphatase Rho-interacting protein; myosin phosphatase Rho interacting protein; anti-MPRIP/M-RIP antibody

PRODUCT SPECIFICATIONS

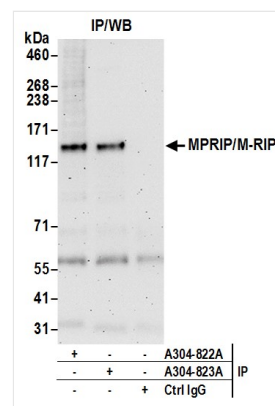
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MPRIP/M-RIP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 550 and 600
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MPRIP/M-RIP by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MPRIP/M-RIP antibody AAA212960 (lot AAA212960-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MPRIP/M-RIP by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MPRIP/M-RIP antibody AAA212960 (lot AAA212960-1) used for IP at 6 ug per reaction. MPRIP/M-RIP was also immunoprecipitated by rabbit anti-MPRIP/M-RIP antibody For blotting immunoprecipitated MPRIP/M-RIP, AAA212960 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-MPRIP/M-RIP antibody	MPRIP targets myosin phosphatase to the actin cytoskeleton. It is 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 MPRIP as well as its F-actin-binding region leads to disassembly of stress fibers in neuronal cells [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q6WCQ1].
Product Categories/Family for anti-MPRIP/M-RIP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50980301
NCBI GeneID	23164
NCBI Accession #	NP_958431.2
NCBI GenBank Nucleotide #	NM_201274.3
UniProt Accession #	Q6WCQ1 ; Q3KQZ5 ; Q5FB94 ; Q6DHW2 ; Q7Z5Y2 ; Q8N390 ; Q96G40
Molecular Weight	114,049 Da
NCBI Official Full Name	myosin phosphatase Rho-interacting protein isoform 2
NCBI Official Synonym Full Names	myosin phosphatase Rho interacting protein
NCBI Official Symbol	MPRIP
NCBI Official Synonym Symbols	MRIP; RIP3; M-RIP; RHOIP3; p116Rip
NCBI Protein Information	myosin phosphatase Rho-interacting protein; Rho interacting protein 3
UniProt Protein Name	Myosin phosphatase Rho-interacting protein
UniProt Gene Name	MPRIP
UniProt Synonym Gene Names	KIAA0864; MRIP; RHOIP3; M-RIP; RIP3
UniProt Entry Name	MPRIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mprip-m-rip-antibody-immunoprecipitation-western-blot-elisa/212960>