

Rabbit MRIP Polyclonal Antibody | anti-MRIP antibody

MRIP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329500	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (100%)	ELISA, Western Blot

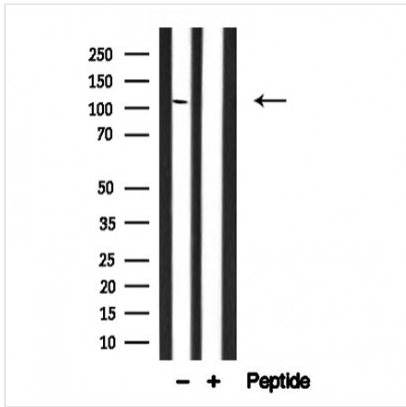
PRODUCT SYNONYMS

MRIP; Polyclonal Antibody; MRIP Antibody; 9530046C02; AA536749; AI647711; C76423; KIAA0864; M-RIP; MGC67316; mKIAA0864; Mprip; MPRIP_HUMAN; Myosin phosphatase Rho-interacting protein; p116 Rho-interacting protein; p116Rip; Rho-interacting protein 3; Rhoip3; RIP3; RP23-180B18.4; anti-MRIP antibody

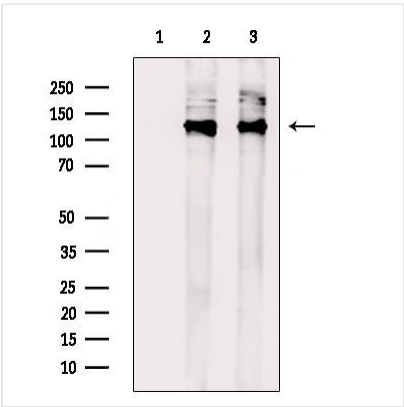
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	MRIP Antibody detects endogenous levels of total MRIP.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MRIP antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RIP3
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Binds F-actin through its N-terminus. Interacts with MYZAP (By similarity). Binds RHOA, PPP1R12A/MBS and PPP1R12C through adjacent coiled coil domains.
Subcellular Location	Cytoplasm>Cytoskeleton. Note: Colocalizes with F-actin.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of RIP3 in lysates of L-929, using RIP3 Antibody(AF4608). The lane on the Right was treated with the antigen-specific peptide.



WB (Western Blot)
Western blot analysis of extracts from various samples, using MRIP Antibody.Lane 1: A2780 cells, blocked with antigen-specific peptides,Lane 2: A2780 cells,Lane 3: MCF7 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-MRIP antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50980307
NCBI GeneID	23164
NCBI Accession #	NP_055949.2
NCBI GenBank Nucleotide #	NM_015134.3
UniProt Accession #	Q6WCQ1; Q3KQZ5; Q5FB94; Q6DHW2; Q7Z5Y2; Q8N390; Q96G40
Molecular Weight	116,533 Da
NCBI Official Full Name	myosin phosphatase Rho-interacting protein isoform 1
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.