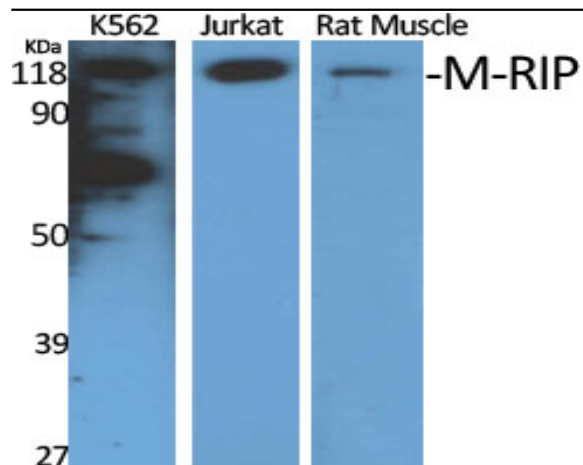


M-RIP Polyclonal Antibody

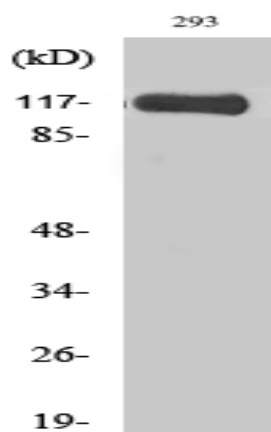
Catalog No :	YT4148
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA;IHC
Target :	M-RIP
Gene Name :	MPRIP
Protein Name :	Myosin phosphatase Rho-interacting protein
Human Gene Id :	23164/23164
Human Swiss Prot No :	Q6WCQ1
Mouse Gene Id :	26936
Mouse Swiss Prot No :	P97434
Rat Gene Id :	116504
Rat 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.,
Function :	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.,
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

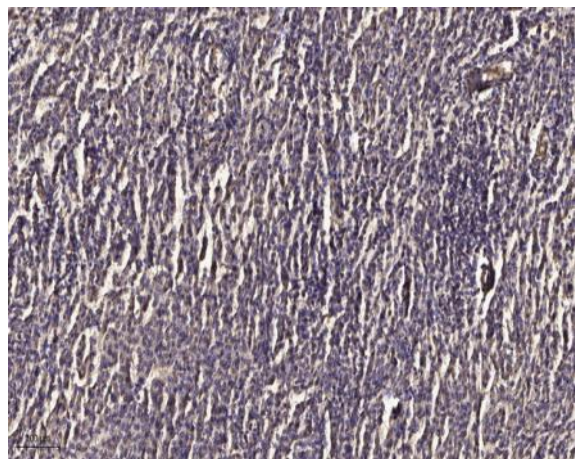
Products Images



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).