Mprip Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	Mprip, Blocking Peptide
Full Product Name	Mprip Peptide - middle region
Product Gene Name	Mprip blocking peptide
Product Synonym Gene Name	M-rip; Mrip; Rhoip3; p116Rip
Sequence	ATISAIEAMK NAHREEMERE LEKSQRSQIS SINSDIEALR RQYLEELQSV
Species Reactivity	Rat, Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	Mprip peptide (MBS3238544) is used for blocking the activity of Mprip antibody (MBS3213603)
Molecular Weight	113kDa
Product Categories/Family for Mprip blocking peptide	Peptide
Applications Tested/Suitable for Mprip blocking peptide	Western Blot (WB)
Related Product Information for Mprip blocking peptide	This is a synthetic peptide designed for use in combination with anti-Mprip Antibody, made Target Description: Mouse homolog binds F-actin and may play a role in F-actin bundling and cytoskeleton organization.
Other Notes	Small volumes of Mprip blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Mprip purchase	MBS3238544 is a blocking peptide targeting Mprip. Also known as Mprip Peptide - middle region. Reactive in Rat, Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Mprip. It may not necessarily be applicable to this product.

NCBI GI #	77404359
NCBI GeneID	116504
NCBI Accession #	NP_446266
UniProt Primary Accession #	Q9ERE6
UniProt Related Accession #	Q9ERE6
GenBank Nucleotide #	NM_053814
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; M-rip; Rhoip3; p116Rip
UniProt Protein Name	Myosin phosphatase Rho-interacting protein
UniProt Synonym Protein Names	Rho-interacting protein 3; RIP3; p116Rip
Protein Family	Myosin phosphatase Rho-interacting protein
UniProt Gene Name	Mprip
UniProt Synonym Gene Names	Mrip; Rhoip3; RIP3
UniProt Entry Name	MPRIP_RAT
NCBI Protein Information	myosin phosphatase Rho-interacting protein
NCBI Summary for Mprip	mouse homolog binds F-actin and may play a role in F-actin bundling and cytoskeleton organization [RGD, Feb 2006]
Research Articles on Mprip	**1.** The results indicated that RIP3 is expressed differentially in retinal neurons in adult rats, including subsets of ganglion cells, amacrine and horizontal cells. RIP3 protein levels are elevated rapidly following aHIOP
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