RAB15 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	RAB15, Blocking Peptide
Full Product Name	RAB15 Peptide - N-terminal region
Product Gene Name	RAB15 blocking peptide
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	RAB15 peptide (MBS3237421) is used for blocking the activity of RAB15 antibody (MBS3212474)
Molecular Weight	23kDa
Product Categories/Family for RAB15 blocking peptide	Peptide
Applications Tested/Suitable for RAB15 blocking peptide	Western Blot (WB)
Related Product Information for RAB15 blocking peptide	This is a synthetic peptide designed for use in combination with anti-RAB15 antibody made Target Description: RAB15 may act in concert with RAB3A in regulating aspects of synaptic vesicle membrane flow within the nerve terminal.
Other Notes	Small volumes of RAB15 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 RAB15 purchase	MBS3237421 is a blocking peptide targeting RAB15. Also known as RAB15 Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB15. It may not necessarily be applicable to this product.

NCBI GI #	38371739
NCBI GeneID	376267
NCBI Accession #	NP_941959
UniProt Primary Accession #	P59190
UniProt Related Accession #	P59190
GenBank Nucleotide #	NM_198686
NCBI Official Full Name	ras-related protein Rab-15 isoform 1
NCBI Official Synonym Full Names	RAB15, member RAS oncogene family
NCBI Official Symbol	RAB15
UniProt Protein Name	Ras-related protein Rab-15
Protein Family	Dehydrin
UniProt Gene Name	RAB15

UniProt Entry Name	RAB15_HUMAN
NCBI Protein Information	ras-related protein Rab-15
UniProt Comments for RAB15	Function: May act in concert with RAB3A in regulating aspects of synaptic vesicle membrane flow within the nerve terminal By similarity. Subunit structure: The GTP bound form of RAB15 interacts with REP15. Ref.4 Subcellular location: Cell membrane; Lipid-anchor; Cytoplasmic side Potential. Sequence similarities: Belongs to the small GTPase superfamily. Rab family.
Research Articles on RAB15	**1.** identified 4 Rab15 isoforms, Rab15CN, Rab15AN1, Rab15AN2 and Rab15AN3 in neuroblastoma cells and demonstrated that Rab15 isoform balance was significantly decreased in spheres of neuroblastoma cells; study suggests Rab15 alternative splicing may serve as a biomarker to discriminate tumor-initiating cells (TICs) from non-TICs in neuroblastoma
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