ROPN1B Blocking Peptide

PRODUCT OVERVIEW

Product Name	ROPN1B, Blocking Peptide
Full Product Name	ROPN1B Peptide
Product Gene Name	ROPN1B 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	ROPN1B peptide (MBS3235406) is used for blocking the activity of ROPN1B antibody (MBS3210450)
Molecular Weight	24kDa
OMIM	AF231410 mRNA
Product Categories/Family for ROPN1B blocking peptide	Peptide
Applications Tested/Suitable for ROPN1B blocking peptide	Western Blot (WB)
Related Product Information for ROPN1B blocking peptide	This is a synthetic peptide designed for use in combination with anti-ROPN1B antibody made Target Description: ROPN1B belongs to the ropporin family and contains 1 RIIa domain. ROPN1B interacts with RHPN1 and AKAP3. It may interact with SPA17.
Other Notes	Small volumes of ROPN1B 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 ROPN1B purchase	MBS3235406 is a blocking peptide targeting ROPN1B. Also known as ROPN1B Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ROPN1B. It may not necessarily be applicable to this product.

NCBI GI #	59891409
NCBI GeneID	152015
NCBI Accession #	NP_001012337
UniProt Primary Accession #	Q9BZX4
UniProt Related Accession #	Q9BZX4
GenBank Nucleotide #	NM_001012337
NCBI Official Full Name	ropporin-1B
NCBI Official Synonym Full Names	rhophilin associated tail protein 1B
NCBI Official Symbol	ROPN1B
UniProt Protein Name	Ropporin-1B
UniProt Synonym Protein Names	Rhophilin-associated protein 1B

Protein Family	Ropporin
UniProt Gene Name	ROPN1B
NCBI Protein Information	ropporin-1B
UniProt Comments for ROPN1B	ROPN1B: Belongs to the ropporin family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 3q21.2 Cellular Component: cytoplasm Molecular Function: protein binding; protein heterodimerization activity; protein homodimerization activity; receptor signaling complex scaffold activity Biological Process: acrosome reaction; cytokinesis; fusion of sperm to egg plasma membrane involved in single fertilization; regulation of protein amino acid phosphorylation; Rho protein signal transduction; sperm capacitation; sperm motility; spermatogenesis
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