RABEPK Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	RABEPK, Blocking Peptide
Full Product Name	RABEPK Peptide - N-terminal region
Product Gene Name	RABEPK blocking peptide
Product Synonym Gene Name	DKFZp686P1077; RAB9P40; bA65N13.1; p40
Sequence	SCSYLPPVGN AKRGKVFIVG GANPNRSFSD VHTMDLGKHQ WDLDTCKGLL
Species Reactivity	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	RABEPK peptide (MBS3235571) is used for blocking the activity of RABEPK antibody (MBS3210616)
Molecular Weight	40kDa
OMIM	605962
Product Categories/Family for RABEPK blocking peptide	Peptide
Applications Tested/Suitable for RABEPK blocking peptide	Western Blot (WB)
Related Product Information for RABEPK blocking peptide	This is a synthetic peptide designed for use in combination with anti-RABEPK Antibody, made Target Description: RABEPK is a rab9 effector required for endosome to trans-Golgi network (TGN) transport.
Other Notes	Small volumes of RABEPK 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 RABEPK purchase	MBS3235571 is a blocking peptide targeting RABEPK. Also known as RABEPK Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

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

NCBI GI #	33695109
NCBI GeneID	10244
NCBI Accession #	NP_005824
UniProt Primary Accession #	Q7Z6M1
UniProt Related Accession #	Q7Z6M1
GenBank Nucleotide #	NM_005833
NCBI Official Full Name	rab9 effector protein with kelch motifs isoform a
NCBI Official Synonym Full Names	Rab9 effector protein with kelch motifs

NCBI Official Symbol	RABEPK
NCBI Official Synonym Symbols	p40; RAB9P40; bA65N13.1
UniProt Protein Name	Rab9 effector protein with kelch motifs
UniProt Synonym Protein Names	40 kDa Rab9 effector protein; p40
Protein Family	Rab9 effector protein with kelch motifs
UniProt Gene Name	RABEPK
UniProt Synonym Gene Names	RAB9P40
UniProt Entry Name	RABEK_HUMAN
NCBI Protein Information	rab9 effector protein with kelch motifs
UniProt Comments for RABEPK	RABEPK: Rab9 effector required for endosome to trans-Golgi network (TGN) transport. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 9q33.3 Cellular Component: intracellular membrane-bound organelle; plasma membrane; endosome membrane; endosome Biological Process: receptor-mediated endocytosis; vesicle docking during exocytosis
Research Articles on RABEPK	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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