RAB9P40 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Rab9p40, Polyclonal Antibody
Full Product Name	Rab9p40, CT (RABEPK, RAB9P40, Rab9 effector protein with kelch motifs, 40kD Rab9 effector protein, p40) (MaxLight 405)
Product Gene Name	anti-Rab9p40 antibody
Product Synonym Gene Name	RABEPK
Product Synonym Names	RABEPK; RAB9P40; Rab9 effector protein with kelch motifs; 40kD Rab9 effector protein; p40
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	40
OMIM	605962
3D Structure	ModBase 3D Structure for Q7Z6M1
Immunogen	Rab9p40 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-331 amino acids from the C-terminal region of human Rab9p40.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-Rab9p40 antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-Rab9p40 antibody	Western Blot (WB), FLISA
Application Notes for anti-Rab9p40 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Rab9p40 antibody	MBS6339915 is an antibody targeting Rab9p40. Also known as Rab9p40, CT (RABEPK, RAB9P40, Rab9 effector protein with kelch motifs, 40kD Rab9 effector protein, p40) (MaxLight 405). Reactive in Human. Host: Rabbit. Rab9 effector required for endosome to trans-Golgi network (TGN) transport.
Product References and Citations for anti-Rab9p40 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Aivazian, D., et al. J. Cell Biol. 173(6):917-926(2006). Humphray, S.J., et al. Nature 429(6990):369-374(2004). Ikonomov, O.C., et al. J. Biol. Chem. 278(51):50863-50871(2003). Diaz, E., et al. J. Cell Biol. 138(2):283-290(1997).

Other Notes	Small volumes of anti-Rab9p40 antibody 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Rab9p40. 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
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 Rab9p40	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 Rab9p40	**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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