RAB 6A Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Rab 6A, Polyclonal Antibody
Full Product Name	Rab 6A Polyclonal Antibody
Product Gene Name	anti-Rab 6A antibody
Clonality	Polyclonal
Molecular Weight	19,935 Da
OMIM	179513
3D Structure	ModBase 3D Structure for P20340
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-Rab 6A antibody	MBS8524918 is an antibody targeting Rab 6A. Also known as Rab 6A Polyclonal Antibody.
Other Notes	Small volumes of anti-Rab 6A 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 Rab 6A. It may not necessarily be applicable to this product.

NCBI GI #	344030202
NCBI GeneID	5870
NCBI Accession #	NP_001230647.1
UniProt Primary Accession #	P20340
UniProt Secondary Accession #	Q1W5D8; Q5U0A8; Q9UBE4; A8K133; B7Z772; F5H668
UniProt Related Accession #	P20340
GenBank Nucleotide #	NM_001243718.1
NCBI Official Full Name	ras-related protein Rab-6A isoform d
NCBI Official Synonym Full Names	RAB6A, member RAS oncogene family
NCBI Official Symbol	RAB6A
NCBI Official Synonym Symbols	RAB6
UniProt Protein Name	Ras-related protein Rab-6A
Protein Family	Ras-related protein
UniProt Gene Name	RAB6A
UniProt Synonym Gene Names	RAB6; Rab-6
NCBI Protein Information	ras-related protein Rab-6A

NCBI Summary for Rab 6A	This gene encodes a member of the RAB family, which belongs to the small GTPase superfamily. GTPases of the RAB family bind to various effectors to regulate the targeting and fusion of transport carriers to acceptor compartments. This protein is located at the Golgi apparatus, which regulates trafficking in both a retrograde (from early endosomes and Golgi to the endoplasmic reticulum) and an anterograde (from the Golgi to the plasma membrane) directions. Myosin II is an effector of this protein in these processes. This protein is also involved in assembly of human cytomegalovirus (HCMV) by interacting with the cellular protein Bicaudal D1, which interacts with the HCMV virion tegument protein, pp150. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]
UniProt Comments for Rab 6A	Protein transport. Regulator of membrane traffic from the Golgi apparatus towards the endoplasmic reticulum (ER). Has a low GTPase activity. Involved in COPI-independent retrograde transport from the Golgi to the ER (PubMed:25962623).
Research Articles on Rab 6A	**1.** Ectopic expression of an N-terminal-truncated ARHGEF10 mutant led to the generation of large vesicle-like structures containing both Rab6 and Rab8.
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