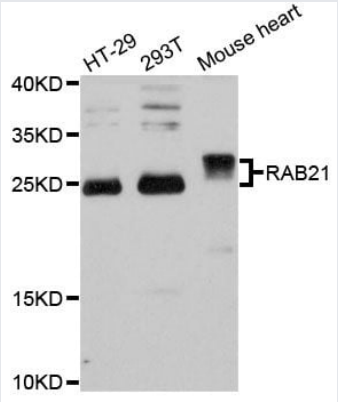
RAB21 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAB21, Polyclonal Antibody
Full Product Name	RAB21 Polyclonal Antibody
Product Gene Name	anti-RAB21 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	24kDa
OMIM	AF091035 mRNA
3D Structure	ModBase 3D Structure for Q9UL25
Immunogen	Recombinant protein of human RAB21
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Product Categories/Family for anti-RAB21 antibody	Primary antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RAB21 antibody	Western Blot (WB)
Application Notes for anti-RAB21 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-RAB21 antibody	This gene belongs to the Rab family of monomeric GTPases, which are involved in the control of cellular membrane traffic. The encoded protein plays a role in the targeted trafficking of integrins via its association with integrin alpha tails. As a consequence, the encoded protein is involved in the regulation of cell adhesion and migration. Expression of this gene is associated with a poor prognosis for glioma patients. This gene is downregulated by the tumor suppressor miR-200b, and miRNA-200b is itself downregulated in glioma tissues.
Other Notes	Small volumes of anti-RAB21 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.
Searchable Terms for RAB21 purchase	MBS9132009 is an antibody targeting RAB21. Also known as RAB21 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-RAB21 antibody
Western blot analysis of extracts of various cell lines, using RAB21 antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB21. It may not necessarily be applicable to this product.

NCBI GI #	13633613
NCBI GeneID	23011
NCBI Accession #	Q9UL25.3
UniProt Primary Accession #	Q9UL25
UniProt Secondary Accession #	Q14466; Q569H3
UniProt Related Accession #	Q9UL25
NCBI Official Full Name	Ras-related protein Rab-21
NCBI Official Synonym Full Names	RAB21, member RAS oncogene family
NCBI Official Symbol	RAB21
UniProt Protein Name	Ras-related protein Rab-21
Protein Family	Ras-related protein
UniProt Gene Name	RAB21
UniProt Synonym Gene Names	KIAA0118
NCBI Protein Information	ras-related protein Rab-21
UniProt Comments for RAB21	RAB21: Regulates integrin internalization and recycling, but does not influence the traffic of endosomally translocated receptors in general. As a result, may regulate cell adhesion and migration. During the mitosis of adherent cells, controls the endosomal trafficking of integrins which is required for the successful completion of cytokinesis. Belongs to the small GTPase superfamily. Rab family. Protein type: G protein, monomeric; G protein, monomeric, Rab; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 12q21.1 Cellular Component: cytosol; early endosome membrane; endosome; focal adhesion; internal side of plasma membrane; trans-Golgi network; vesicle membrane Molecular Function: GDP binding; GTP binding; GTPase activity; protein binding Biological Process: positive regulation of receptor-mediated endocytosis; regulation of exocytosis

Research Articles on RAB21	**1.** Starvation-induced MTMR13 and RAB21 activity regulates VAMP8 to promote autophagosome-lysosome fusion.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/rab21/9132009