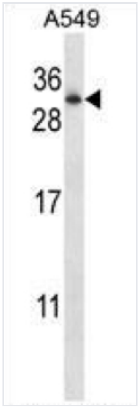
RAB11A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAB11A, Polyclonal Antibody
Full Product Name	RAB11A, ID (RAB11A, RAB11, Ras-related protein Rab-11A, YL8) (Azide free) (HRP)
Product Gene Name	anti-RAB11A antibody
Product Synonym Names	RAB11A; RAB11; Ras-related protein Rab-11A; YL8
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 Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human RAB11A.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	17,659 Da
OMIM	605570
3D Structure	ModBase 3D Structure for P62491
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 88-116 in the central region of human RAB11A. Species sequence homology: bovine, chicken, mouse, porcine, rat
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-RAB11A antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RAB11A antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RAB11A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RAB11A antibody	The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. It is associated with both constitutive and regulated secretory pathways, and may be involved in protein transport.
Product References and Citations for anti-RAB11A antibody	1. Husebye, H., et al. Immunity 33(4):583-596(2010). 2. Cayouette, S., et al. Biochim. Biophys. Acta 1803(7):805-812(2010). 3. Reid, H.M., et al. J. Biol. Chem. 285(24):18709-18726(2010). 4. Bruce, E.A., et al. J. Virol. 84(12):5848-5859(2010). 5. Knodler, A., et al. Proc. Natl. Acad. Sci. U.S.A. 107(14):6346-6351(2010).
Other Notes	Small volumes of anti-RAB11A 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 RAB11A purchase	MBS6339518 is an antibody targeting RAB11A. Also known as RAB11A, ID (RAB11A, RAB11, Ras-related protein Rab-11A, YL8) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RAB11A antibody
Western Blot analysis in A549 cell line lysates (35ug/lane) usingMBS6002617. This demonstrates that MBS6002617 detected the RAB11A protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB11A. It may not necessarily be applicable to this product.

NCBI GI #	4758984
NCBI GeneID	8766
NCBI Accession #	NP_004654.1
UniProt Primary Accession #	P62491
UniProt Secondary Accession #	P24410; Q5TZN9; Q9JLX1; B2R4B6; B4DT13
UniProt Related Accession #	P62491
GenBank Nucleotide #	NM_004663.4
NCBI Official Full Name	ras-related protein Rab-11A isoform 1
NCBI Official Synonym Full Names	RAB11A, member RAS oncogene family
NCBI Official Symbol	RAB11A
NCBI Official Synonym Symbols	YL8
UniProt Protein Name	Ras-related protein Rab-11A
UniProt Synonym Protein Names	YL8
Protein Family	Ras-related protein
UniProt Gene Name	RAB11A
UniProt Synonym Gene Names	RAB11; Rab-11
UniProt Entry Name	RB11A_HUMAN
NCBI Protein Information	ras-related protein Rab-11A
NCBI Summary for RAB11A	The protein encoded by this gene belongs to the Rab family of the small GTPase superfamily. It is associated with both constitutive and regulated secretory pathways, and may be involved in protein transport. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
Research Articles on RAB11A	**1.** Authors show that Rab11-GMPPNP-FIP3-Rabin8 is more stable than Rab11-GMPPNP-Rabin8, owing to direct interaction between Rabin8 and FIP3 within the dual effector-bound complex.

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