RAB36 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAB36, Polyclonal Antibody
Full Product Name	RAB36, CT (RAB36, Ras-related protein Rab-36) (MaxLight 550)
Product Gene Name	anti-RAB36 antibody
Product Synonym Names	RAB36; Ras-related protein Rab-36
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 MaxLight550.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	33,915 Da
OMIM	605662
3D Structure	ModBase 3D Structure for O95755
Immunogen	RAB36 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-328 amino acids from the C-terminal region of human RAB36.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-RAB36 antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RAB36 antibody	Western Blot (WB), FLISA
Application Notes for anti-RAB36 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RAB36 antibody	RAB36 is a protein transport. Probably involved in vesicular traffic (By similarity).
Product References and Citations for anti-RAB36 antibody	Chen, L., et al. Mol. Membr. Biol. 27(1):24-31(2010). Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007). Wang, L., et al. J. Mol. Med. 83(10):812-821(2005). Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004): Zhou, J., et al. Gene 241(1):133-141(2000).
Other Notes	Small volumes of anti-RAB36 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 RAB36 purchase	MBS6339741 is an antibody targeting RAB36. Also known as RAB36, CT (RAB36, Ras-related protein Rab-36) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB36. It may not necessarily be applicable to this product.

NCBI GI #	31795535
NCBI GeneID	9609
NCBI Accession #	NP_004905.2
UniProt Primary Accession #	O95755
UniProt Secondary Accession #	Q2M390; Q7Z4A9; Q9UHP5
UniProt Related Accession #	O95755
GenBank Nucleotide #	NM_004914.2
NCBI Official Full Name	ras-related protein Rab-36
NCBI Official Synonym Full Names	RAB36, member RAS oncogene family
NCBI Official Symbol	RAB36
UniProt Protein Name	Ras-related protein Rab-36
Protein Family	Ras-related protein
UniProt Gene Name	RAB36
UniProt Entry Name	RAB36_HUMAN
NCBI Protein Information	ras-related protein Rab-36; small GTP-binding protein Rab36
UniProt Comments for RAB36	RAB36: Protein transport. Probably involved in vesicular traffic. Belongs to the small GTPase superfamily. Rab family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: G protein, monomeric; G protein, monomeric, Rab; G protein Chromosomal Location of Human Ortholog: 22q11.22 Cellular Component: Golgi membrane; Golgi apparatus Molecular Function: GTPase activity; GDP binding; GTP binding Biological Process: intracellular protein transport; metabolic process; Rab protein signal transduction
Research Articles on RAB36	**1.** These data show that RUTBC2 can act as a Rab36 GAP in cells and suggest that RUTBC2 links Rab9A function to Rab36 function in the endosomal system.
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