Ras-Related Protein Rab-3c (RAB3C) ELISA Kit for Goat

PRODUCT OVERVIEW

Product Name	Ras-Related Protein Rab-3C (RAB3C), ELISA Kit
Full Product Name	Goat Ras-Related Protein Rab-3C (RAB3C) ELISA Kit
Product Gene Name	RAB3C elisa kit
Species Reactivity	Goat
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	25,952 Da
OMIM	AY026936 mRNA
3D Structure	ModBase 3D Structure for Q96E17
Related Product Information for RAB3C elisa kit	MBS9398781 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Ras-Related Protein Rab-3C (RAB3C) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing RAB3C. The ELISA analytical biochemical technique of the MBS9398781 kit is based on RAB3C antibody-RAB3C antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RAB3C antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, RAB3C. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of RAB3C elisa kit 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 RAB3C. It may not necessarily be applicable to this product.

NCBI GI #	961658089
NCBI GeneID	115827
NCBI Accession #	NP_001304844.1
UniProt Primary Accession #	Q96E17
UniProt Related Accession #	Q96E17
GenBank Nucleotide #	NM_001317915.1
NCBI Official Full Name	ras-related protein Rab-3C isoform 2
NCBI Official Synonym Full Names	RAB3C, member RAS oncogene family
NCBI Official Symbol	RAB3C
UniProt Protein Name	Ras-related protein Rab-3C
Protein Family	Ras-related protein
UniProt Gene Name	RAB3C
NCBI Protein Information	ras-related protein Rab-3C

NCBI Summary for RAB3C	This gene is a member of the RAS oncogene family and encodes a small GTPase. Other similar small GTPases are known to be involved in vesicle trafficking, and the encoded protein was shown to play a role in recycling phagocytosed MHC class 1 complexes to the cell surface. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]
UniProt Comments for RAB3C	RAB3C: Protein transport. Probably involved in vesicular traffic. Belongs to the small GTPase superfamily. Rab family. Protein type: G protein; G protein, monomeric; G protein, monomeric, Rab Chromosomal Location of Human Ortholog: 5q11.2 Cellular Component: cytosol; perinuclear region of cytoplasm; plasma membrane; synaptic vesicle; vesicle Molecular Function: GTP binding; GTP-dependent protein binding; GTPase activity; myosin V binding; protein binding Biological Process: antigen processing and presentation; protein transport; regulation of exocytosis
Research Articles on RAB3C	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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