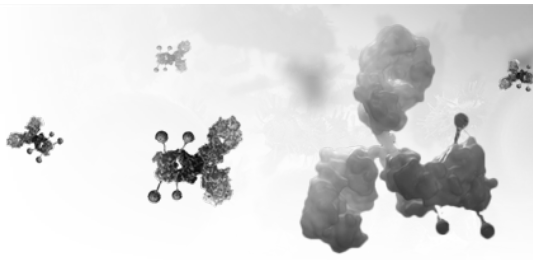

Human RAB11FIP2 peptide (DAG-P1930)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	A Rab11 effector binding preferentially phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and phosphatidic acid (PA) and acting in the regulation of the transport of vesicles from the endosomal recycling compartment (ERC) to the plasma membrane. Involved in insulin granule exocytosis. Also involved in receptor-mediated endocytosis and membrane trafficking of recycling endosomes, probably originating from clathrin-coated vesicles. Required in a complex with MYO5B and RAB11 for the transport of NPC1L1 to the plasma membrane. Also acts as a regulator of cell polarity.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 C2 domain.Contains 1 FIP-RBD domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	RAB11FIP2 RAB11 family interacting protein 2 (class I) [Homo sapiens (human)]
Official Symbol	RAB11FIP2
Synonyms	RAB11FIP2; RAB11 family interacting protein 2 (class I); nRip11; Rab11-FIP2; rab11 family-interacting protein 2; RAB11-FIP2 long isoform;
Entrez Gene ID	22841

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mRNA Refseq	NM_014904.2
Protein Refseq	NP_055719.1
UniProt ID	Q7L804
Chromosome Location	10q26.11
Pathway	Aquaporin-mediated transport, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Regulation of Water Balance by Renal Aquaporins, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	protein binding; protein homodimerization activity; protein kinase binding;

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