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KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1374

Product Information

Application	WB, FC, ICC
Primary Accession	P51148
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB3190
Calculated MW	23483
Gene Name	RAB5C
Aliases	RAB5C; RAB5C, Member RAS Oncogene Family; RAB5CL; RABL; RAB5C, Member Of RAS Oncogene Family; Ras-Related Protein Rab-5C; L1880; RAB5L; RAB, Member Of RAS Oncogene Family-Like; EC 3.6.5.2
Immunogen	A synthesized peptide derived from human RAB5C / RABL

Additional Information

Gene ID	5878
Other Names	Ras-related protein Rab-5C, 3.6.5.2, L1880, RAB5L, RAB5C, RABL

Protein Information

Name	RAB5C (HGNC:9785)
Synonyms	RABL
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed:16086013, PubMed:17562788). Involved in early endocytic trafficking (PubMed:16086013, PubMed:17562788). Required for EEA1 recruitment to early endosomes (PubMed:16086013, PubMed:17562788). Required for EGF and transferrin endocytosis and trafficking through early endosomes (PubMed:16086013, PubMed:17562788).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor {ECO:0000250|UniProtKB:P20339}; Cytoplasmic side {ECO:0000250|UniProtKB:P20339}. Early endosome membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor {ECO:0000250|UniProtKB:P20339}. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

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