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Anti-RAB5C Antibody

Rabbit polyclonal antibody to RAB5C
Catalog # AP60687

Product Information

Application	WB
Primary Accession	P51148
Other Accession	P35278
Reactivity	Human, Mouse, Rat, Bovine, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23483

Additional Information

Gene ID	5878
Other Names	RABL; Ras-related protein Rab-5C; L1880; RAB5L
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAB5C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

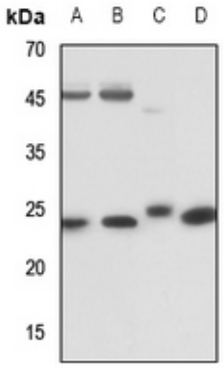
Name	RAB5C (HGNC:9785)
Synonyms	RABL
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to 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). Cell membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor

Cellular Location	{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

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAB5C. The exact sequence is proprietary.

Images



Western blot analysis of RAB5C expression in Hela (A), HGC27 (B), mouse lung (C), rat lung (D) whole cell lysates.