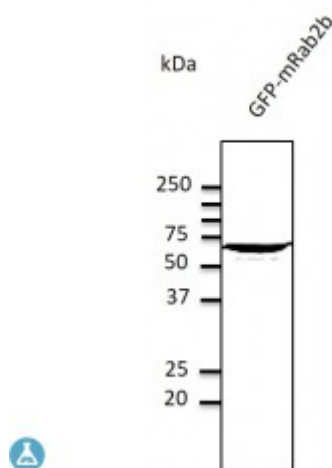


Anti-Rab2 antibody



Description

RAB2 belongs to the large RAB family of low molecular weight GTPases that are involved in intracellular membrane trafficking. It has been demonstrated that Rab2 is essential for the maturation of pre-Golgi intermediates. RAB2A and RAB2B are required for protein transport from the ER to the Golgi, RAB2A is lipid-anchored to the ER-Golgi intermediate compartment membrane while RAB2B is lipid anchored to the cytoplasmic side of the cell membrane. RAB2A has been shown to interact with GOLGA2.

Model	STJ140057
Host	Goat
Reactivity	Avian, Bovine, Canine, Donkey, Feline, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Other, Porcine, Rabbit, Rat, Sheep, Simian
Applications	WB
Immunogen	Purified recombinant peptide derived from within residues 110 aa to the C-terminus of mouse Rab2b produced in E. coli.
Immunogen Region	C-Term
Gene ID	5862
Gene Symbol	RAB2A
Dilution range	Western blot 1:250-1:2,000 Immunofluorescence ND Immunohistochemistry (paraffin) ND Immunohistochemistry (frozen) ND
Specificity	Detects total levels of Rab2 protein in transfected cells with GFP-Rab2a and GFP-Rab2b by Western blot.
Purification	This antibody is epitope-affinity purified from goat antiserum.

Note	For research use only (RUO).
Protein Name	Ras-related protein Rab-2A
Molecular Weight	24 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS, 20% glycerol and 0.05% sodium azide.
Concentration	3 mg/mL
Storage Instruction	Store at -20°, and avoid repeated freeze-thaw cycles.
Database Links	HGNC:9763OMIM:179509
Alternative Names	Ras-related protein Rab-2A
Function	Required for protein transport from the endoplasmic reticulum to the Golgi complex.
Cellular Localization	Endoplasmic reticulum-Golgi intermediate compartment membrane Melanosome Endoplasmic reticulum membrane Golgi apparatus membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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