

Anti-RAB15 Antibody

Catalog # AP54078

Product Information

Application	WB, IF/IC
Primary Accession	P59190
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24391

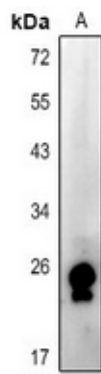
Additional Information

Gene ID	376267
Other Names	Ras-related protein Rab-15
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAB15. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

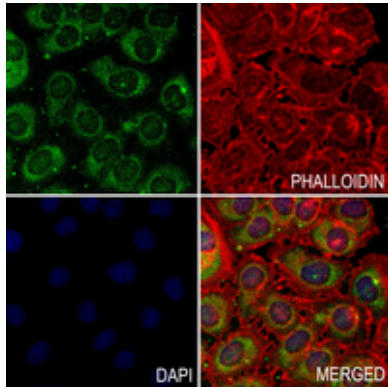
Protein Information

Name	RAB15 (HGNC:20150)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes (By similarity). 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 (By similarity). RAB15 may act in concert with RAB3A in regulating aspects of synaptic vesicle membrane flow within the nerve terminal (By similarity).
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side

Images



Western blot analysis of RAB15 expression in rat testis (A) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 24 kD)



Immunofluorescent analysis of RAB15 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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