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Datasheet for ABIN1390120

anti-RAB17 antibody (AA 101-200) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	RAB17
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB17 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rab17
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog
Purification:	Purified by Protein A.

Target Details

Target:	RAB17
Alternative Name:	Rab17 (RAB17 Products)

Target Details

Background: Synonyms: Rab 17, Rab17, RAB17 member RAS oncogene family, RAB17_HUMAN, Ras related protein Rab 17, Ras related protein Rab17, Ras-related protein Rab-17, FLJ12538, OTTHUMP00000164417, OTTHUMP00000202805.

Background: Rab17 belongs to the Rab family of small Ras-like GTPases. It is specifically expressed in epithelial cells and is upregulated during cell polarization. Immunofluorescence staining studies indicate that Rab17 is associated with the perinuclear recycling endosome in nonpolarized epithelial cells and with the apical recycling endosome in polarized epithelial cells. The function of Rab17 remains unclear. Reports of Rab17 colocalization with internalized IgA in the apical endosome suggest that it may regulate receptor-mediated transcytosis. Rab17 has also been shown to regulate melanocytic filopodia formation and melanosome trafficking. siRNA knockdown of Rab17 in melanoma cells induces melanosome accumulation in the cell periphery.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months