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Datasheet for ABIN7269812 anti-RAB7A antibody

2 Images



Overview

Quantity:	100 µL
Target:	RAB7A
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RAB7A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	RAB7 Rabbit mAb
Immunogen:	A synthesized peptide derived from human RAB7
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	RAB7A
Alternative Name:	RAB7A (RAB7A Products)
Background:	RAB family members are small, RAS-related GTP-binding proteins that are important regulators

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Target Details

of vesicular transport. Each RAB protein targets multiple proteins that act in exocytic /
endocytic pathways. This gene encodes a RAB family member that regulates vesicle traffic in
the late endosomes and also from late endosomes to lysosomes. This encoded protein is also
involved in the cellular vacuolation of the VacA cytotoxin of Helicobacter pylori. Mutations at
highly conserved amino acid residues in this gene have caused some forms of Charcot-Marie-
Tooth (CMT) type 2 neuropathies. [provided by RefSeq, Jul 2008],PRO2706, RAB7,G protein
signaling,G protein signaling_Small G proteins,Signal Transduction,RAB7A

Molecular Weight:	23kDa
Gene ID:	7879
UniProt:	P51149
Pathways:	EGFR Signaling Pathway, Maintenance of Protein Location, SARS-CoV-2 Protein Interactome

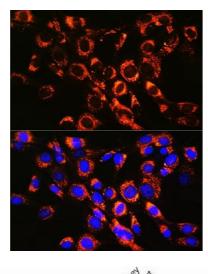
Application Details

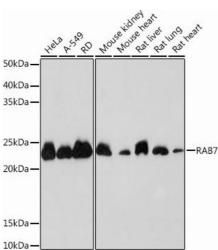
Application Notes:	WB,1:500 - 1:2000, IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells using R Rabbit mAb (ABIN7269812) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using R Rabbit mAb (ABIN7269812) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

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