

Datasheet for ABIN4913414

**anti-RAB8A antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	RAB8A
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB8A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This RAB8A monoclonal antibody is generated from mouse immunized with RAB8A recombinant protein.
Clone:	8A4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## Target Details

Target:	RAB8A
Alternative Name:	RAB8A ( <a href="#">RAB8A Products</a> )

## Target Details

Background:	<p>Synonyms: MEL, RAB8, Ras-related protein Rab-8A, Oncogene c-mel, RAB8A</p> <p>Background: 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. That Rab is involved in polarized vesicular trafficking and neurotransmitter release. Together with RAB11A, RAB3IP, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis. Together with MYO5B and RAB11A participates in epithelial cell polarization. Plays an important role in ciliogenesis. Together with MICALL2, may also regulate adherens junction assembly. May play a role in insulin-induced transport to the plasma membrane of the glucose transporter GLUT4 and therefore play a role in glucose homeostasis.</p>
Gene ID:	4218
UniProt:	<a href="#">P61006</a>
Pathways:	<a href="#">M Phase</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

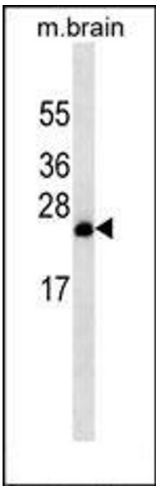
## Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

## Handling

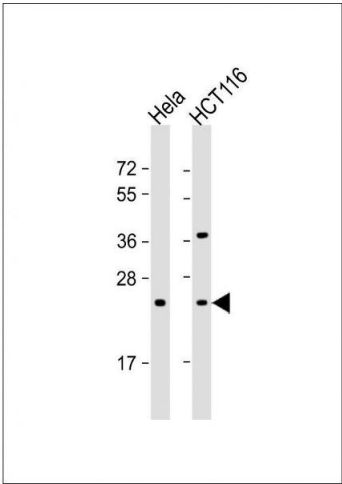
Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

**Image 1.** Lane 1: Mouse brain lysates, probed with RAB8A (261CT1.3.1) Monoclonal Antibody, unconjugated (bsm-51077M) at 1:100 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.



Western Blotting

**Image 2.** Lane 1: HeLa, Lane 2: HCT116 lysate at 20 µg per lane. probed with bsm-51077M RAB8A (261CT1.3.1) Monoclonal Antibody at 1:1000 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*