

Datasheet for ABIN7269815  
**anti-RAB8A antibody (AA 1-207)**



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## Overview

Quantity:	100 µL
Target:	RAB8A
Binding Specificity:	AA 1-207
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB8A antibody is un-conjugated
Application:	Immunofluorescence (IF)

## Product Details

Purpose:	RAB8A Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-207 of human RAB8A (NP_005361.2).
Sequence:	MAKTYDYLFK LLLIGDSGVG KTCVLFRFSE DAFNSTFIST IGIDFKIRTI ELDGKRIKLQ IWDTAGQERF RTITTAYYRG AMGIMLVYDI TNEKSFDNIR NWIRNIEEHA SADVEKMILG NKCDVNDKRQ VSKERGEKLA LDYGIKFMET SAKANINVEN AFFTLARDIK AKMDKKLEGN SPQGSNQG VK ITPDQQKRSS FFRCVLL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

Purification: Affinity purification

## Target Details

Target: RAB8A

Alternative Name: RAB8A ([RAB8A Products](#))

Background: The protein encoded by this gene is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97 % , 96 % , and 51 % similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP/GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1. ,RAB8A,MEL,RAB8,Signal Transduction,G protein signaling,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,RAB8A

Molecular Weight: 23kDa

Gene ID: 4218

UniProt: [P61006](#)

Pathways: [M Phase](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: IF,1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

## Handling

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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.