

Datasheet for ABIN7167314  
**anti-RAB39A antibody (AA 1-217)**



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1 Image

### Overview

Quantity:	100 µL
Target:	RAB39A
Binding Specificity:	AA 1-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB39A antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human Ras-related protein Rab-39A protein (1-217AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	RAB39A
Alternative Name:	RAB39A ( <a href="#">RAB39A Products</a> )
Background:	Background: Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in vesicular trafficking. Plays a

## Target Details

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role in the fusion of phagosomes with lysosomes. Negatively regulates LPS-induced autophagosome formation in macrophages possibly by implicating PI3K (PubMed:24349490). May be involved in multiple neurite formation (By similarity).

Aliases: rab related GTP binding protein antibody, Rab-39 antibody, Rab39 antibody, RAB39A antibody, RAB39A member RAS oncogene family antibody, Ras related protein Rab39A antibody, Ras-related protein Rab-39A antibody, RB39A\_HUMAN antibody

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UniProt: [Q14964](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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Format: Liquid

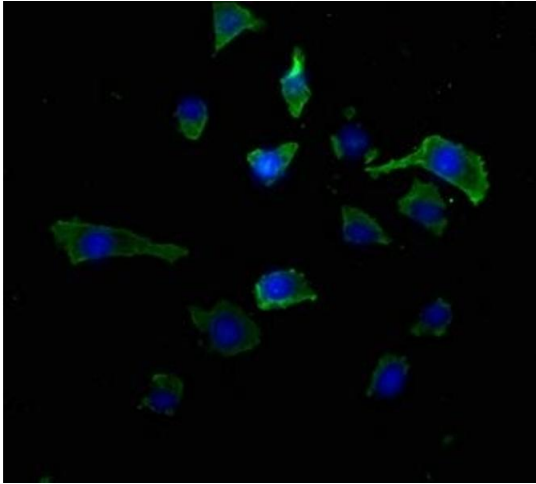
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of SH-SY5Y cells with ABIN7167314 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).