

Datasheet for ABIN5647255

anti-RAB27A antibody

6 Images

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Overview

Quantity:	100 µg
Target:	RAB27A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	A recombinant human protein corresponding to amino acids L98-K216 was used as the immunogen for the RAB27A antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	RAB27A
Alternative Name:	RAB27A (RAB27A Products)
Background:	Ras-related protein Rab-27A is a protein that in humans is encoded by the RAB27A gene. The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2.

Target Details

Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.

UniProt: [P51159](#)

Pathways: [Peptide Hormone Metabolism](#)

Application Details

Application Notes: Optimal dilution of the RAB27A antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL,FACS: 1-3 µg/10⁶ cells,Direct ELISA: 0.1-0.5 µg/mL

Restrictions: For Research Use only

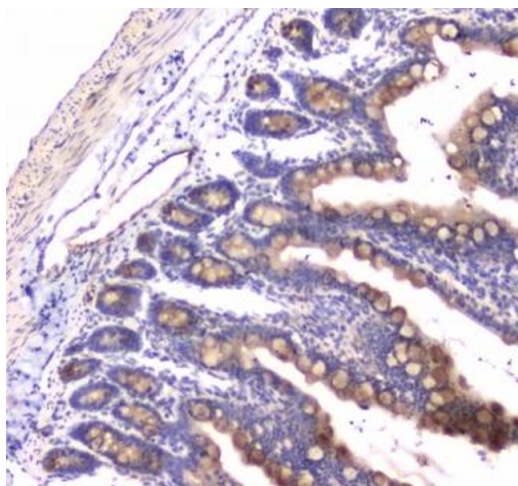
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

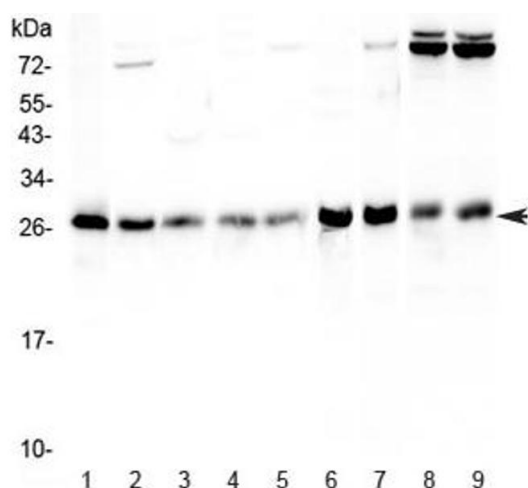
Storage Comment: After reconstitution, the RAB27A antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



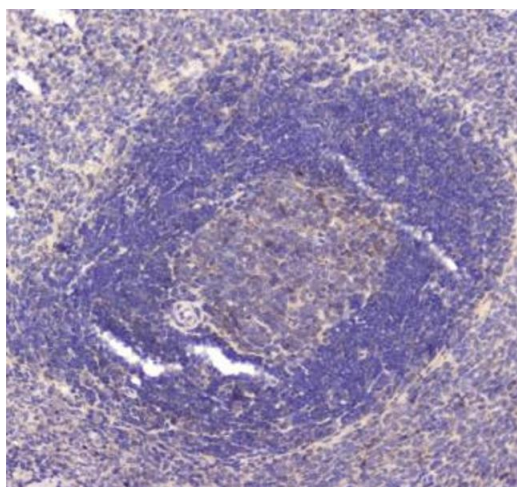
Immunohistochemistry

Image 1. IHC testing of FFPE rat small intestine tissue with RAB27A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western Blotting

Image 2. Western blot testing of human 1) HeLa, 2) Jurkat, 3) MCF7, 4) HepG2, 5) A549, 6) rat stomach, 7) rat thymus, 8) mouse thymus and 9) mouse NIH3T3 lysate with RAB27A antibody at 0.5ug/ml. Predicted molecular weight: 25-27 kDa.



Immunohistochemistry

Image 3. IHC testing of FFPE rat spleen tissue with RAB27A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5647255.