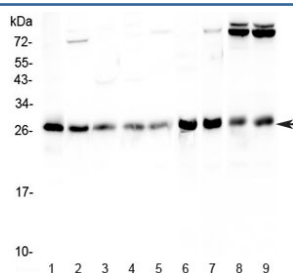


RAB27A Antibody (RQ4237)

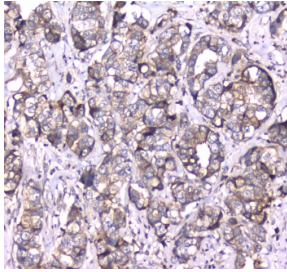
Catalog No.	Formulation	Size
RQ4237	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

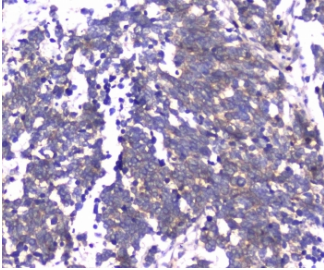
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P51159
Localization	Cytoplasmic, membrane
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/10 ⁶ cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This RAB27A antibody is available for research use only.



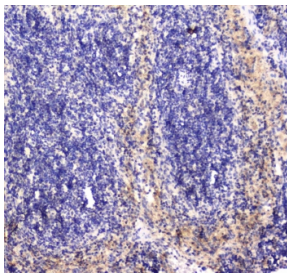
Western blot testing of human 1) HeLa, 2) Jurkat, 3) MCF7, 4) HepG2, 5) A549, 6) rat stomach, 7) rat thymus, 8) mouse thymus and 9) mouse NIH3T3 lysate with RAB27A antibody at 0.5ug/ml. Predicted molecular weight: 25-27 kDa.



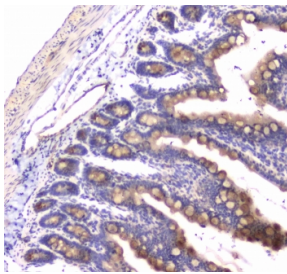
IHC testing of FFPE human breast cancer tissue with RAB27A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



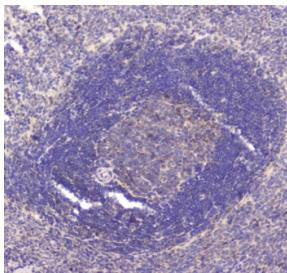
IHC testing of FFPE human lung cancer tissue with RAB27A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



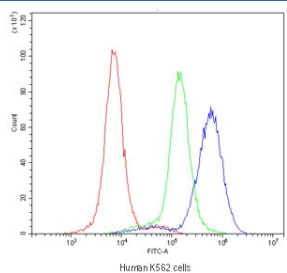
IHC testing of FFPE mouse spleen tissue with RAB27A antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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.



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.



Flow cytometry testing of human K562 cells with RAB27A antibody at 1ug/ 10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=RAB27A antibody.

Description

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

Application Notes

Optimal dilution of the RAB27A antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids L98-K216 was used as the immunogen for the RAB27A antibody.

Storage

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.