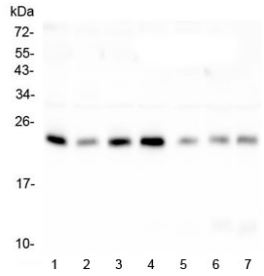
RAB11B Antibody (RQ4926)

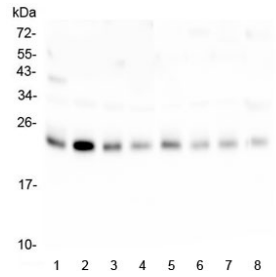
Catalog No.	Formulation	Size
RQ4926	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

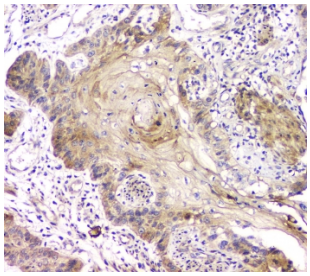
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q15907
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 1-2ug/ml Flow Cytometry: 1-3ug/10^6 cells Immunofluorescence: 2-4ug/ml
Limitations	This RAB11B antibody is available for research use only.



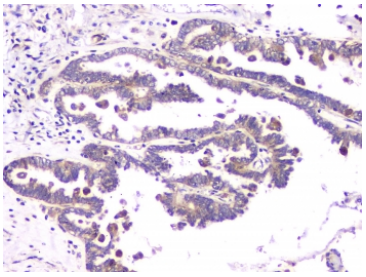
Western blot testing of human 1) placenta, 2) A549, 3) U-87 MG, 4) PC-3, 5) HeLa, 6) Caco-2 and 7) HL-60 lysate with RAB11B antibody at 0.5ug/ml. Predicted molecular weight ~24 kDa.



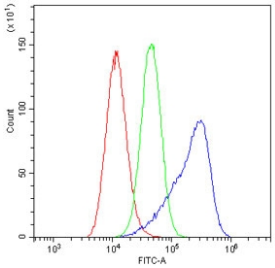
Western blot testing of 1) rat spleen, 2) rat lung, 3) rat ovary, 4) rat kidney, 5) mouse lung, 6) mouse ovary, 7) mouse kidney and 8) mouse SP2/0 lysate with RAB11B antibody at 0.5ug/ml. Predicted molecular weight ~24 kDa.



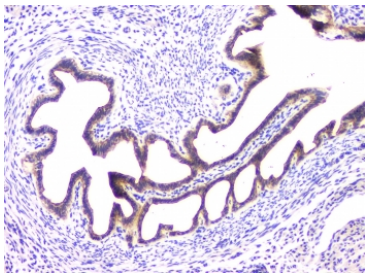
IHC staining of FFPE human esophageal squamous cancer with RAB11B antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



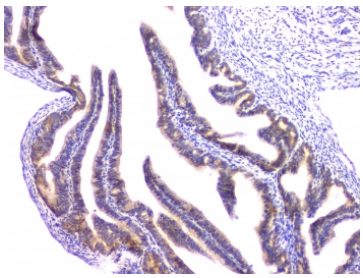
IHC staining of FFPE human ovarian cancer with RAB11B antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



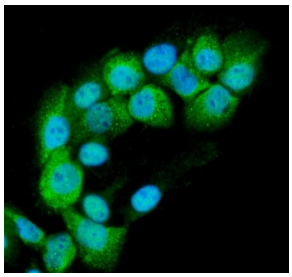
Flow cytometry testing of human A549 cells with RAB11B antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAB11B antibody.



IHC staining of FFPE mouse ovary with RAB11B antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE rat ovary with RAB11B antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human A431 cells with RAB11B antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Ras-related protein Rab-11B is a protein that in humans is encoded by the RAB11B gene. It is mapped to 19p13.2. The Ras superfamily of small GTP-binding proteins, which includes the Ras, Ral, Rho, Rap, and Rab families, is involved in controlling a diverse set of essential cellular functions. The Rab family, including RAB11B, appears to play a critical role in regulating exocytotic and endocytotic pathways.

Application Notes

Optimal dilution of the RAB11B antibody should be determined by the researcher.

Immunogen

Amino acids QKQIADRAAHDESPGNNVVDISVPPTTDGQKPNKLQCC from the human protein were used as the immunogen for the RAB11B antibody.

Storage

After reconstitution, the RAB11B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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