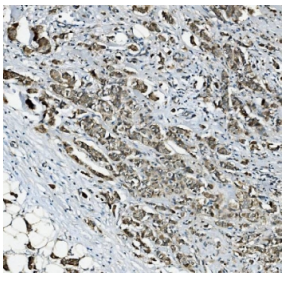
RAB1B Antibody (RQ6207)

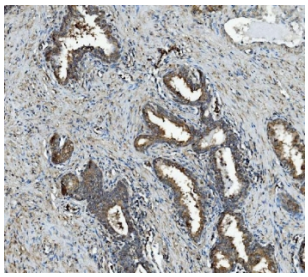
Catalog No.	Formulation	Size
RQ6207	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

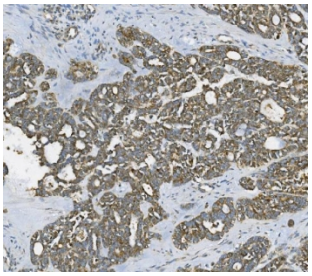
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q9H0U4
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This RAB1B antibody is available for research use only.



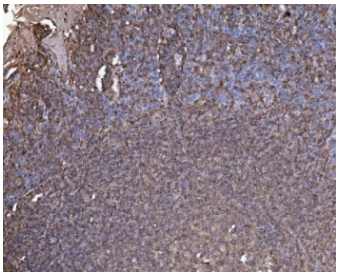
IHC staining of FFPE human breast cancer with RAB1B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



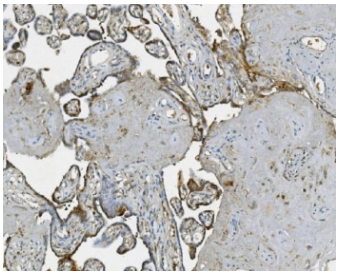
IHC staining of FFPE human prostate cancer with RAB1B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



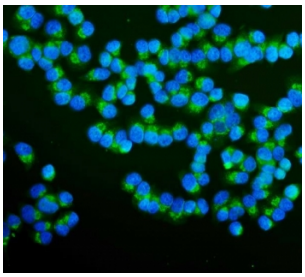
IHC staining of FFPE human ovarian cancer with RAB1B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



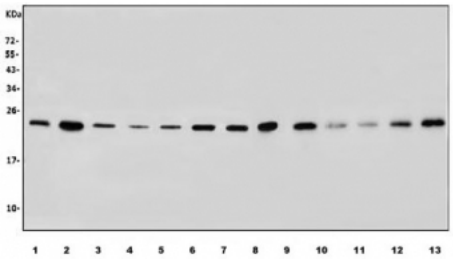
IHC staining of FFPE human tonsil with RAB1B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



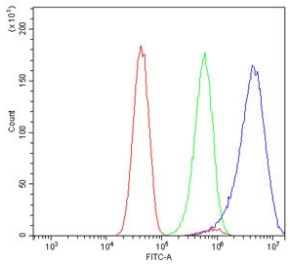
IHC staining of FFPE human placenta with RAB1B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



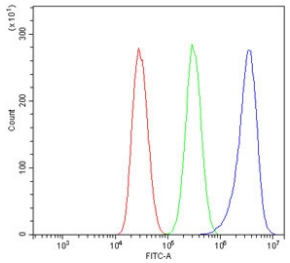
Immunofluorescent staining of FFPE human T-47D cells with RAB1B antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) HEK293, 3) SK-OV-3, 4) MCF7, 5) A375, 6) U-87 MG, 7) A549, 8) rat kidney, 9) rat brain, 10) rat heart, 11) rat NRK, 12) mouse brain and 13) mouse heart lysate with RAB1B antibody. Predicted molecular weight ~24 kDa.



Flow cytometry testing of human U-251 cells with RAB1B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAB1B antibody.



Flow cytometry testing of mouse HEPA1-6 cells with RAB1B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAB1B antibody.

Description

Ras-related protein Rab-1B is a protein that in humans is encoded by the RAB1B gene. Members of the RAB protein family, such as RAB1B, are low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB1B functions in the early secretory pathway and is essential for vesicle transport between the endoplasmic reticulum (ER) and Golgi.

Application Notes

Optimal dilution of the RAB1B antibody should be determined by the researcher.

Immunogen

Amino acids AAEIKKRMGPGAASGGERPNLKIDSTPVKPA from the human protein were used as the immunogen for the RAB1B antibody.

Storage

After reconstitution, the RAB1B 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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