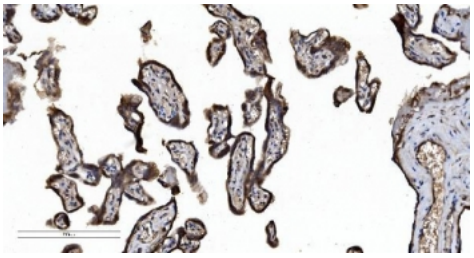
SEC23A Antibody (RQ6437)

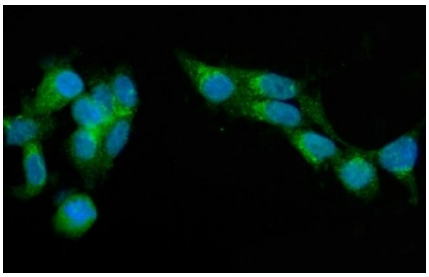
Catalog No.	Formulation	Size
RQ6437	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

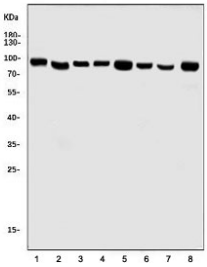
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15436
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence (FFPE): 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SEC23A antibody is available for research use only.



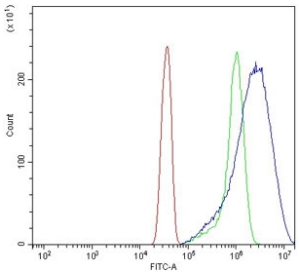
IHC staining of FFPE human placental tissue with SEC23A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human HepG2 cells with SEC23A antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HepG2, 2) HEK293, 3) A549, 4) PC-3, 5) rat liver, 6) rat stomach, 7) rat lung and 8) mouse liver tissue lysate with SEC23A antibody. Predicted molecular weight ~86 kDa.



Flow cytometry testing of human HeLa cells with SEC23A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SEC23A antibody.

Description

Sec23 homolog A (S. cerevisiae), also known as SEC23A, is a protein which in humans is encoded by the SEC23A gene. The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family. It is part of a protein complex and found in the ribosome-free transitional face of the endoplasmic reticulum (ER) and associated vesicles. This protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The encoded protein is suggested to play a role in the ER-Golgi protein trafficking.

Application Notes

Optimal dilution of the SEC23A antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R190-Q579) was used at the immunogen for the SEC23A antibody.

Storage

After reconstitution, the SEC23A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.