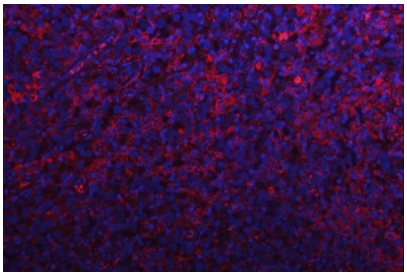
RPS15A Antibody / 40S ribosomal protein S15a (RQ7862)

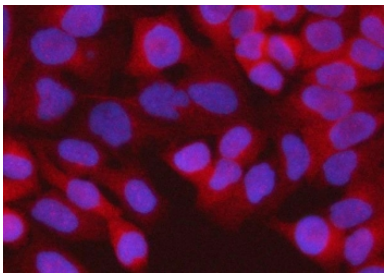
Catalog No.	Formulation	Size
RQ7862	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

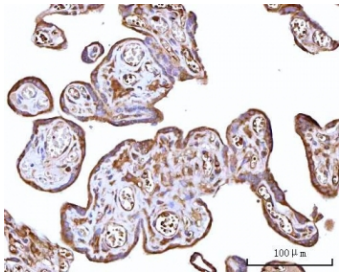
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P62244
Localization	Cytoplasm, nucleus, nucleolus
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 RPS15A antibody is available for research use only.



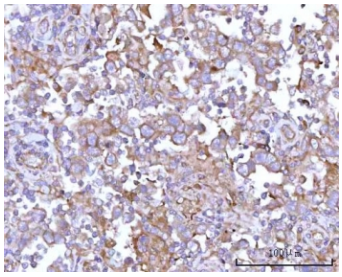
Immunofluorescent staining of FFPE human testis cancer with RPS15A antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



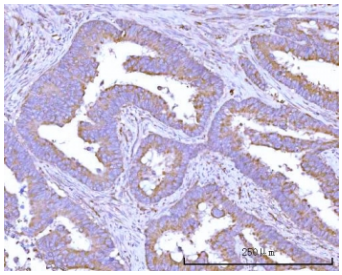
Immunofluorescent staining of FFPE human HeLa cells with RPS15A antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



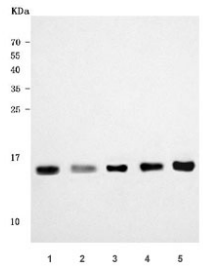
IHC staining of FFPE human placental tissue with RPS15A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



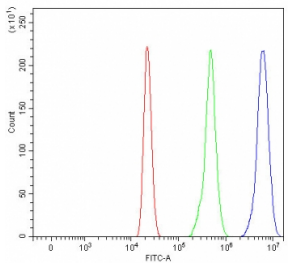
IHC staining of FFPE human testicular seminoma tissue with RPS15A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon adenocarcinoma tissue with RPS15A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG2, 2) human ThP-1, 3) human 293T, 4) rat RH35 and 5) mouse NIH 3T3 cell lysate with RPS15A antibody. Predicted molecular weight ~15 kDa.



Flow cytometry testing of human HL60 cells with RPS15A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RPS15A antibody.

Description

40S ribosomal protein S15a is a protein that in humans is encoded by the RPS15A gene. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S8P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Application Notes

Optimal dilution of the RPS15A antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-H113) was used as the immunogen for the RPS15A antibody.

Storage

After reconstitution, the RPS15A 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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