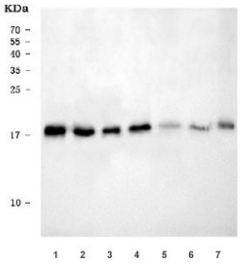
RPL32 Antibody / 60S ribosomal protein L32 (RQ7374)

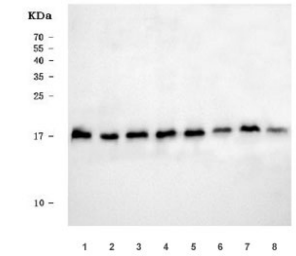
Catalog No.	Formulation	Size
RQ7374	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

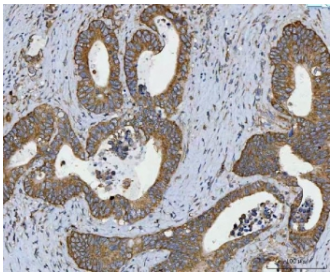
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P62910
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This RPL32 antibody is available for research use only.



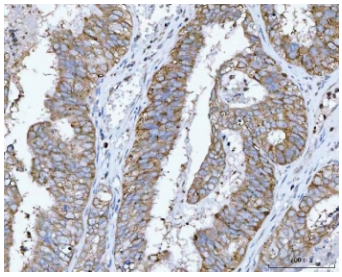
Western blot testing of 1) rat liver, 2) rat pancreas, 3) rat NRK, 4) mouse liver, 5) mouse pancreas, 6) rat stomach and 7) mouse HEPA1-6 cell lysate with RPL32 antibody. Predicted molecular weight ~18 kDa.



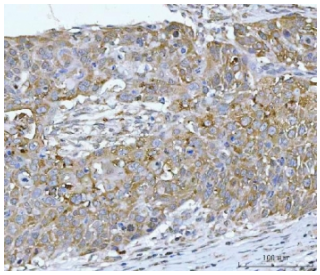
Western blot testing of human 1) RT4, 2) U-251, 3) HepG2, 4) 293T, 5) HeLa, 6) A431, 7) A549 and 8) ThP-1 cell lysate with RPL32 antibody. Predicted molecular weight ~18 kDa.



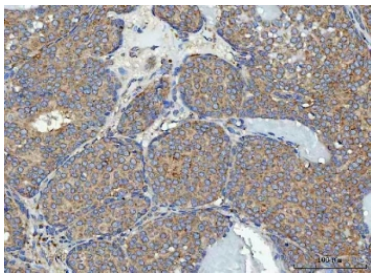
IHC staining of FFPE human colorectal adenocarcinoma tissue with RPL32 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



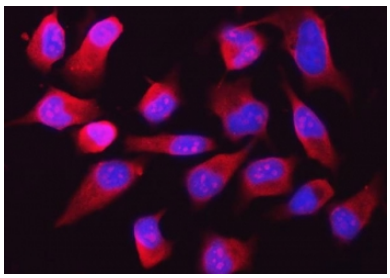
IHC staining of FFPE human endometrial adenocarcinoma tissue with RPL32 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



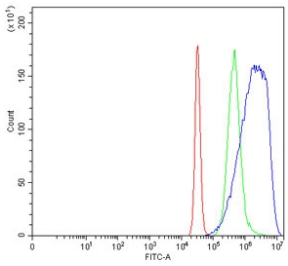
IHC staining of FFPE human esophageal squamous carcinoma tissue with RPL32 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



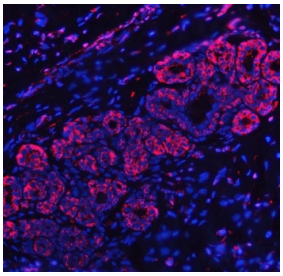
IHC staining of FFPE human breast cancer tissue with RPL32 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human HeLa cells with RPL32 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human K562 cells with RPL32 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RPL32 antibody.



Immunofluorescent staining of FFPE human breast cancer tissue with RPL32 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

60S ribosomal protein L32 is a protein that in humans is encoded by the RPL32 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 60S subunit. The protein belongs to the L32E family of ribosomal proteins. It is located in the cytoplasm. Although some studies have mapped this gene to 3q13.3-q21, it is believed to map to 3p25-p24. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding the same protein have been observed for this gene.

Application Notes

Optimal dilution of the RPL32 antibody should be determined by the researcher.

Immunogen

Amino acids KNRKAIVERAAQLAIR were used as the immunogen for the RPL32 antibody.

Storage

After reconstitution, the RPL32 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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