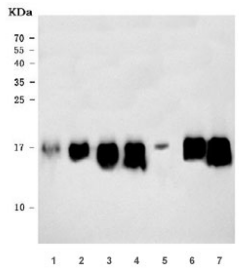
RPL36 Antibody / 60S ribosomal protein L36 (RQ7243)

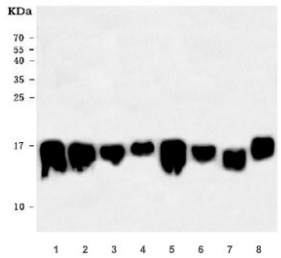
Catalog No.	Formulation	Size
RQ7243	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

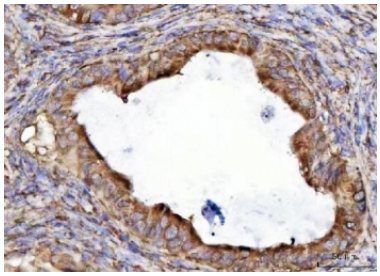
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y3U8
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml
Limitations	This RPL36 antibody is available for research use only.



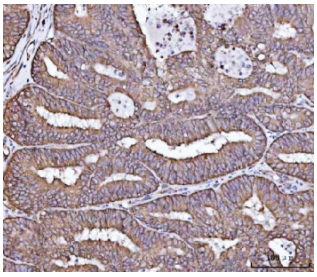
Western blot testing of 1) rat brain, 2) rat stomach, 3) rat liver, 4) rat PC-12, 5) mouse brain, 6) mouse liver and 7) mouse NIH 3T3 cell lysate with RPL36 antibody. Predicted molecular weight ~12 kDa.



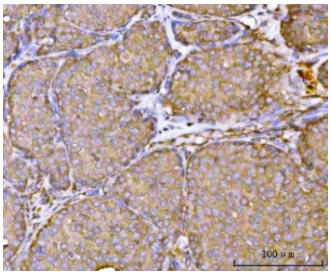
Western blot testing of human 1) HeLa, 2) 293T, 3) Jurkat, 4) PC-3, 5) HepG2, 6) ThP-1, 7) U937 and 8) monkey COS-7 cell lysate with RPL36 antibody. Predicted molecular weight ~12 kDa.



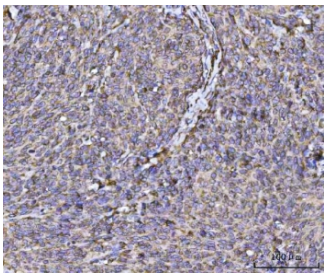
IHC staining of FFPE human ovarian cancer tissue with RPL36 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



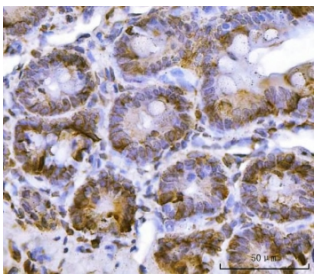
IHC staining of FFPE human endometrial adenocarcinoma tissue with RPL36 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



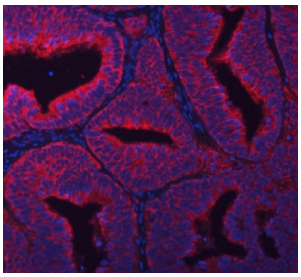
IHC staining of FFPE human breast cancer tissue with RPL36 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



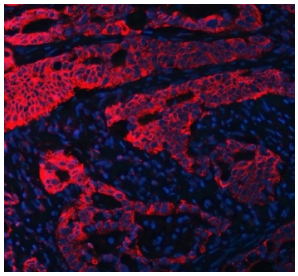
IHC staining of FFPE human cervical cancer tissue with RPL36 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



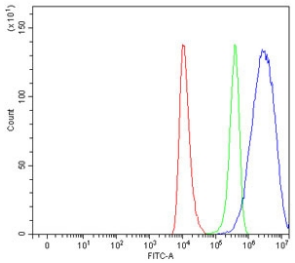
IHC staining of FFPE rat colon tissue with RPL36 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human endometrial cancer tissue with RPL36 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



Immunofluorescent staining of FFPE human colon cancer tissue with RPL36 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



Flow cytometry testing of human HEL cells with RPL36 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RPL36 antibody.

Description

60S ribosomal protein L36 is a protein that in humans is encoded by the RPL36 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 L36E family of ribosomal proteins. It is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. 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 RPL36 antibody should be determined by the researcher.

Immunogen

Amino acids REELSNVLAAMRKAAAKKD were used as the immunogen for the RPL36 antibody.

Storage

After reconstitution, the RPL36 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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