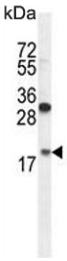
RPL27A Antibody (F54566)

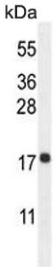
Catalog No.	Formulation	Size
F54566-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54566-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

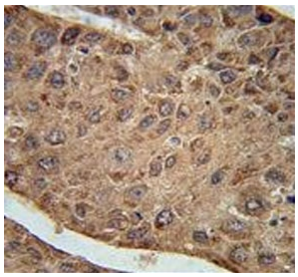
Availability	1-3 business days
Species Reactivity	Human, Hamster
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P46776
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This RPL27A antibody is available for research use only.



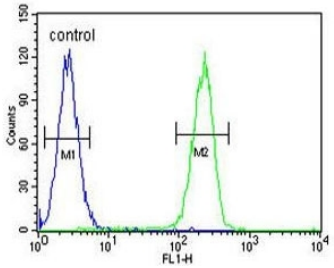
Western blot testing of hamster CHO cell lysate with RPL27A antibody. Predicted molecular weight ~17 kDa.



Western blot testing of human K562 cell lysate with RPL27A antibody. Predicted molecular weight ~17 kDa.



IHC testing of FFPE human hepatocarcinoma tissue with RPL27A antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human K562 cells with RPL27A antibody; Blue=isotype control, Green= RPL27A antibody.

Description

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 L15P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome.

Application Notes

The stated application concentrations are suggested starting points. Titration of the RPL27A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 110-138 from the human protein was used as the immunogen for the RPL27A antibody.

Storage

Aliquot the RPL27A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.