10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RPL37 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9565b

Specification

RPL37 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P61927
Other Accession	P61928, Q9D823, P79244, U3KPD5
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rabbit, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**60-88**

RPL37 Antibody (C-term) - Additional Information

Gene ID 6167

Other Names
60S ribosomal protein L37, G116, RPL37

Target/Specificity
This RPL37 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-88 amino acids from the C-terminal region of human RPL37.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
RPL37 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RPL37 Antibody (C-term) - Protein Information

Name RPL37

Function Component of the large ribosomal subunit (PubMed:23636399, PubMed:32669547). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell

(PubMed:23636399, PubMed:32669547).

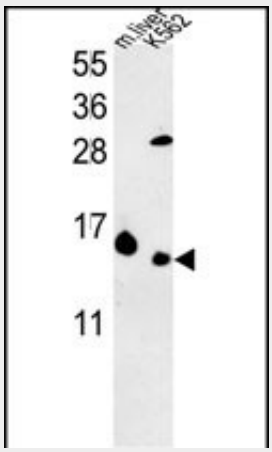
Cellular Location
Cytoplasm.

RPL37 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RPL37 Antibody (C-term) - Images



RPL37 Antibody (C-term) (Cat. #AP9565b) western blot analysis in K562 cell line and mouse liver tissue lysates (35ug/lane).This demonstrates the RPL37 antibody detected the RPL37 protein (arrow).

RPL37 Antibody (C-term) - Background

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 L37E family of ribosomal proteins. It is located in the cytoplasm. The protein contains a C2C2-type zinc finger-like motif.

RPL37 Antibody (C-term) - References

?Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
?Schwartz, E.I., et al. Mol. Cell. Biol. 24(21):9580-9591(2004)
?Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) :
?Mazumder, B., et al. Cell 115(2):187-198(2003)
?Yoshihama, M., et al. Genome Res. 12(3):379-390(2002)
?Uechi, T., et al. Genomics 72(3):223-230(2001)

?Kenmochi, N., et al. Genome Res. 8(5):509-523(1998)

RPL37 Antibody (C-term) - Citations

- Ribosomal proteins RPL37, RPS15 and RPS20 regulate the Mdm2-p53-MdmX network.