

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

E~~Use at an assay dependent concentration.

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

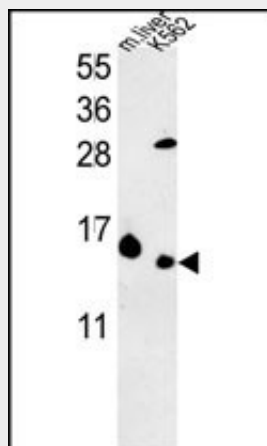
Cytoplasm.

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 Cytometry](#)
- [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.](#)