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RPL37 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9565b

Product Information

Application	WB, E
Primary Accession	P61927
Other Accession	P61928, Q9D823, P79244
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24232
Calculated MW	11078
Antigen Region	60-88

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.

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.

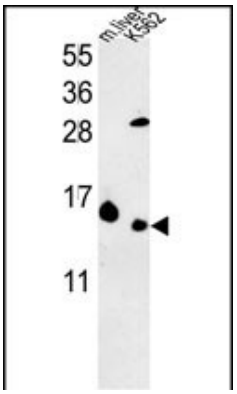
Background

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.

References

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?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)

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).

Citations

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.