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rpmB/L28 Peptide

Catalog # ASC12244

Product Information

Application	BL
Primary Accession	P0A7M2
Clone Names	rpmB
Calculated MW	9006
Concentration (mg/ml)	200 ug/mL
Application Notes	The peptide is used for blocking the activity of the rpmB/L28 antibody.

Additional Information

Gene ID	67174870;946941
Alias Symbol	rpmB
Other Names	Large ribosomal subunit protein bL28, 50S ribosomal protein L28, rpmB
Reconstitution & Storage	Store rpmB/L28 peptide at -20˚C, stable for one year.
Precautions	rpmB/L28 Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	rpmB {ECO:0000255|HAMAP-Rule:MF_00373}

References

The rpmB/L28 protein is a component of the 50S subunit of the ribosome and is required for ribosome assembly. rpmB/L28 interacts with 23S rRNA and crosslinks to L9. L15 and L17 stimulate the interactions of rpmB/L28 with 23S rRNA. rpmB/L28 is phosphorylated at Thr8. rpmB/L28 is labeled by the macrolides carbomycin A, niddamycin and tylosin, which inhibit ribosomal activity. Maguire, B A, and D G Wild. Molecular Microbiology. 1997, 23(2): 237-45.Sk□ld, S E. Biochimie 1981, 63(1): 53-60.Walleczek, J et al. The Journal of biological chemistry 1989, 264(7): 4231-7.Herold, M, and K H Nierhaus. The Journal of biological chemistry 1987, 262(18): 8826-33.Soung, George Y et al. Journal of proteome research 2009, 8(7): 3390-402.Tejedor, F, and J P Ballesta. Biochemistry 1985, 24 (2): 467-72.

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