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

# rpmB/L28 Peptide

Catalog # ASC12243

## 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.

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