

rpmB/L28 Antibody

Catalog # ASC12239

Product Information

Application	WB, E
Primary Accession	P0A7M2
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	rpmB
Calculated MW	9006
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	WB: 0.5 µg/mL.

Antibody validated: Western Blot in E.coli samples. All other applications and species not yet tested.

Additional Information

Gene ID	67174870;946941;99809579
Alias Symbol	rpmB
Other Names	Large ribosomal subunit protein bL28, 50S ribosomal protein L28, rpmB

Reconstitution & Storage	rpmB/L28 Antibody can be stored at 4 ° C for three months and -20 ° C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
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Precautions	rpmB/L28 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
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Protein Information

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

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.

References

Maguire, B A, and D G Wild. Molecular Microbiology. 1997, 23(2): 237-45. Skid, S E. Biochimie 1981, 63(1): 53-60. Walieczech, 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.

Images

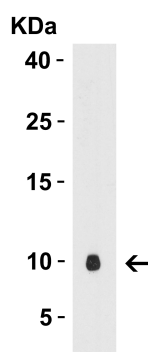


Figure 1 WB Validation of rpmB/L28 in E. coli
Loading: 15 µg of lysate Antibodies: rpmB/L28 ASC12239,
0.5 µg/mL, 1 h incubation at RT in 15% NFDm/TBST.
Secondary: Goat Anti-Rabbit IgG HRP conjugate at
1:10000 dilution.

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