

rpmH/L34 Antibody

Catalog # ASC12241

Product Information

Application	WB, E
Primary Accession	P0A7P5
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	rpmH
Calculated MW	5380
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	948216;99708231;99810388
Alias Symbol	rpmH
Other Names	rimA, ssaF, Large ribosomal subunit protein bL34, 50S ribosomal protein L34

Reconstitution & Storage	rpmH/L34 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	rpmH/L34 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
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Protein Information

Name	rpmH
Synonyms	rimA, ssaF

Background

The rpmH/L34 protein is a component of the 50S subunit of the ribosome. rpmH/L34 can be isolated in a complex with 5S rRNA, tRNA, and other proteins of the large ribosomal subunit. rpmH/L34 is one of six proteins that is completely lost from ribosomes in post-stationary cells. rpmH/L34 was identified as "antizyme 2", an inhibitor of the biosynthetic ornithine and arginine decarboxylases, enzymes are involved in the biosynthesis of polyamines.

References

Matspalu, E et al. European journal of biochemistry 1982, 124(2): 269-73. Ramagopal, S. European journal of biochemistry 1984, 140(2): 353-61. Heller, J S et al. Proceedings of the National Academy of Sciences of the United States of America 1983, 80(17): 5181-4.

Images

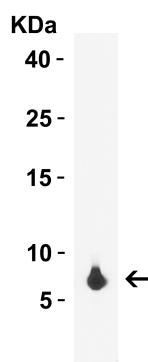


Figure 1 WB Validation of rpmH/L34 in E. coli
Loading: 15 µg of lysate Antibodies: rpmH/L34 ASC12241,
0.5 µg/mL , 1 h incubation at RT in 15% NFDM/TBST.
Secondary: Goat Anti-Rabbit IgG HRP conjugate at
1:10000 dilution.

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