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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
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.
Precautions	rpmH/L34 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

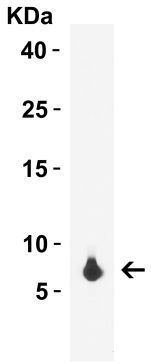


Figure 1 WB Validation of rpmH/L34 in E. coli
Loading: 15 µg of lysate Antibodies: rpmH/L34 ASC12241, 0.5 µg/mL , 1 h incubation at RT in 15% NFDM/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.

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