

Product Datasheet

RPL7 Antibody - BSA Free NB100-2268

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-2268

RPL7 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	29 kDa

Product Description

Host	Rabbit
Gene ID	6129
Gene Symbol	RPL7
Species	Human, Mouse
Reactivity Notes	Orangutan (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 75 and 125 of human Ribosomal Protein 7 using the numbering given in entry NP_000962.2 (GeneID 6129).

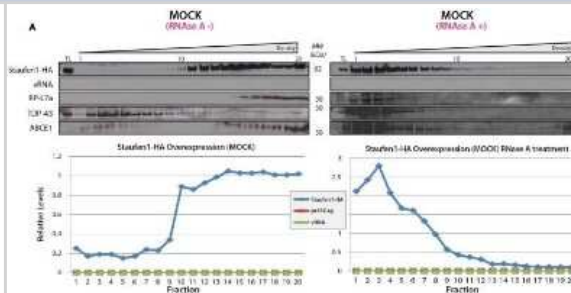
Product Application Details

Applications	Western Blot, Immunoprecipitation (Negative)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation (Negative)
Application Notes	Immunoprecipitation: Not recommended. Use rabbit anti-RPL7 Antibody NB 100-2269.

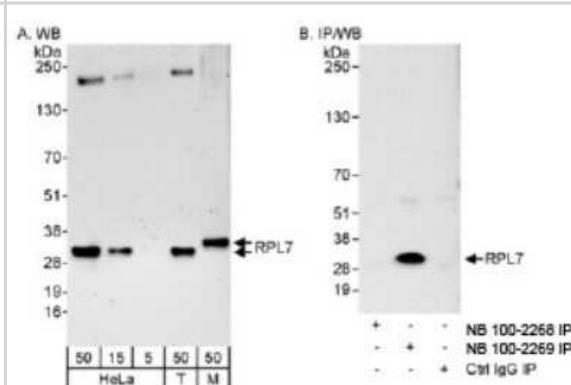


Images

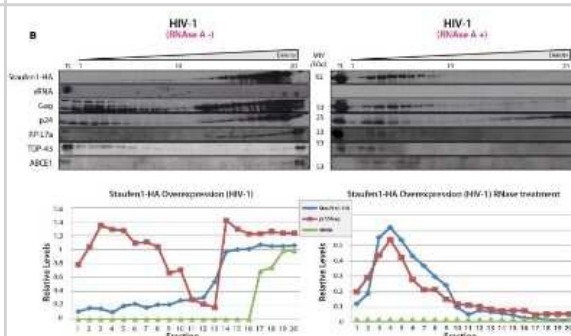
Western Blot: RPL7 Antibody [NB100-2268] - Staufen1 co-fractionates with Gag and vRNA in gradient density fractionation analyses. HeLa cells were either mock transfected with empty vector, pcDNA3, or with a plasmid that expresses Staufen1-HA. The transfected cells were collected 24h later, lysed and were either mock-treated or treated with RNase A. The lysates were then fractionated on 5-50% sucrose gradients and 20 fractions were collected for further analysis by western blotting for viral and host proteins, as indicated. HIV-1 viral genomic RNA (vRNA, 9kb) was assessed in each fraction by slot blot analysis. TL represents the total lysates. Image collected and cropped by CiteAb from the following publication (<https://www.frontiersin.org/Journal/10.3389/fmicb.2012.00367/full>), licensed under a CC-BY license.



Western Blot: RPL7 Antibody [NB100-2268] - Detection of Human and Mouse RPL7 on HeLa whole cell lysate using NB100-2268. RPL7 was immunoprecipitated by rabbit anti-RPL7 antibody NB100-2269.



Western Blot: RPL7 Antibody [NB100-2268] - Staufen1 co-fractionates with Gag and vRNA in gradient density fractionation analyses. HeLa cells were co-transfected with pNL 4-3 and Staufen1-HA. The presence of Staufen1-HA, precursor Gag and p24 were assessed in each fraction by western blotting analysis. HIV-1 viral genomic RNA (9kb, vRNA) was assessed in each fraction by slot blot analysis. Staufen1, Gag and vRNA were quantitated in each fraction by densitometry and relative levels are depicted for each fraction (Blue: Staufen1-HA, Red: Gag, Green-vRNA). Image collected and cropped by CiteAb from the following publication (<https://www.frontiersin.org/Journal/10.3389/fmicb.2012.00367/full>), licensed under a CC-BY license.



Publications

Girgis S, Xu Z, Oikonomopoulos S et al. Evolution of naturally arising SARS-CoV-2 defective interfering particles Communications biology 2022-10-27 [PMID: 36302891] (WB, Human)

O'Leary MN, Schreiber KH, Zhang Y et al. The Ribosomal Protein Rpl22 Controls Ribosome Composition by Directly Repressing Expression of Its Own Paralog, Rpl22l1. PLoS Genet. 2013-08-01 [PMID: 23990801] (WB, Mouse)

Maggi LB Jr, Kuchenruether M, Dadey DY et al. Nucleophosmin serves as a rate-limiting nuclear export chaperone for the Mammalian ribosome. Mol Cell Biol 2008-12-01 [PMID: 18809582]

Milev MP, Ravichandran M, Khan MF et al. Characterization of Staufen1 Ribonucleoproteins by Mass Spectrometry and Biochemical Analyses Reveal the Presence of Diverse Host Proteins Associated with Human Immunodeficiency Virus Type 2 Front Microbiol 2012-01-01 [PMID: 23125841] (WB, Human)

Sanz E, Yang L, Su T et al. Cell-type-specific isolation of ribosome-associated mRNA from complex tissues. PNAS;106(33):13939-13944. 2009-01-01 [PMID: 19666516]



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Products Related to NB100-2268

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006129-P01-2ug	Recombinant Human RPL7 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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