

Product Datasheet

RPL7 Antibody NB100-2269

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-2269

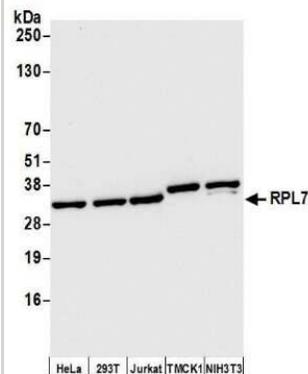
RPL7 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	29 kDa
Product Description	
Host	Rabbit
Gene ID	6129
Gene Symbol	RPL7
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 200 and the C-terminus (residue 248) of human Ribosomal Protein L7 using the numbering given in entry NP_000962.2 (GeneID 6129).
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:100-1:500, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500, Knockdown Validated
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

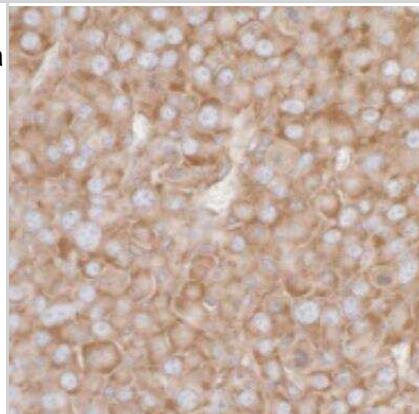


Images

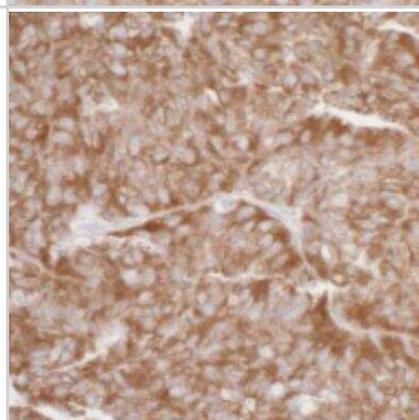
Western Blot: RPL7 Antibody [NB100-2269] - Detection of human and mouse RPL7 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TMCK-1, and mouse NIH 3T3 cells prepared using RIPA lysis buffer. Antibody: Affinity purified rabbit anti-RPL7 antibody NB100-2269 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



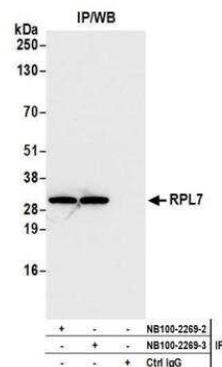
Immunohistochemistry-Paraffin: RPL7 Antibody [NB100-2269] - Mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-RPL7 used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB



Immunohistochemistry-Paraffin: RPL7 Antibody [NB100-2269] - Human ovarian carcinoma. Antibody: Affinity purified rabbit anti-RPL7 used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB



Immunoprecipitation: RPL7 Antibody [NB100-2269] - Detection of human RPL7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-RPL7 antibody NB100-2269 (lot NB100-2269-3) used for IP at 6 ug per reaction. RPL7 was also immunoprecipitated by a previous lot of this antibody (lot NB100-2269-2). For blotting immunoprecipitated RPL7, NB100-2269 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



Publications

Schatton D, Di Pietro G, Szczepanowska K et al. CLUH controls astrin-1 expression to couple mitochondrial metabolism to cell cycle progression eLife 2022-05-13 [PMID: 35559794]

Good AL Unraveling The Beta Cell Translatome: Elucidation Of An Erk/hnrnpk/jund Axis Thesis (WB, KD, IP, Mouse, Human)

Good, AL;Cannon, CE;Haemmerle, MW;Yang, J;Stanescu, DE;Doliba, NM;Birnbaum, MJ;Stoffers, DA; JUND regulates pancreatic beta cell survival during metabolic stress Mol Metab 2019-04-11 [PMID: 31023625] (WB, Mouse)

MacNair L, Xiao S, Miletic D et al. MTHFSD and DDX58 are novel RNA-binding proteins abnormally regulated in amyotrophic lateral sclerosis. Brain. 2015-11-02 [PMID: 26525917] (WB)

Gao J, Schatton D, Martinelli P et al. CLUH regulates mitochondrial biogenesis by binding mRNAs of nuclear-encoded mitochondrial proteins. CLUH regulates mitochondrial biogenesis by binding mRNAs of nuclear-encoded mitochondrial proteins. 2014-10-27 [PMID: 25349259] (WB, Human, Mouse)

Bae H, Gray JS, Li M et al. Hematopoietic cell kinase associates with the 40S ribosomal subunit and mediates the ribotoxic stress response to deoxynivalenol in mononuclear phagocytes. Toxicol Sci 2010-06-01 [PMID: 20181660]

Amorim MJ, Mata J. Rng3, a member of the UCS family of myosin co-chaperones, associates with myosin heavy chains cotranslationally. EMBO Rep 2009-02-01 [PMID: 19098712]

Sanchez G, Dury AY, Murray LM et al. A novel function for the survival motoneuron protein as a translational regulator Hum Mol Genet 2012-11-21 [PMID: 23136128] (WB, Human)

El Fatimy R, Tremblay S, Dury AY et al. Fragile Mental Retardation Protein Interacts with the RNA-Binding Protein Caprin1 in Neuronal RiboNucleoProtein Complexes PLoS One 2012-01-01 [PMID: 22737234] (WB, Mouse)





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Products Related to NB100-2269

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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