

Rabbit anti-Human, Mouse RPL7 Polyclonal Antibody | anti-RPL7 antibody

Rabbit anti-RPL7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211120	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RPL7; Polyclonal Antibody; Rabbit anti-RPL7 Antibody; Affinity Purified; 60S ribosomal protein L7; humL7-1; L7; large ribosomal subunit protein uL30; ribosomal protein L7; anti-RPL7 antibody

PRODUCT SPECIFICATIONS

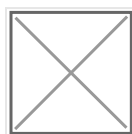
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-RPL7 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Bovine, Orangutan
Immunogen	Between 198 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



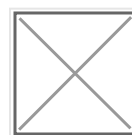
WB (Western Blot)

Detection of human RPL7 by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, K-562, and RKO cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPL7 antibody (AAA211120 lot 4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



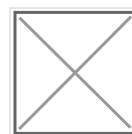
WB (Western Blot)

Detection of mouse RPL7 by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3, CT26, TCMK-1, BW5147.3, and CH27 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPL7 antibody (AAA211120 lot 4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human RPL7 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-RPL7 (AAA211120 lot 4) used at a dilution of 1:200 (1ug/ml). Detection: DAB



IP (Immunoprecipitation)

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 NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RPL7 antibody (AAA211120 lot 4) used for IP at 6 ug per reaction. RPL7 was also immunoprecipitated by a previous lot of this antibody (AAA211120 lot 3). For blotting immunoprecipitated RPL7, AAA211120 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of mouse RPL7 by immunohistochemistry. Sample: FFPE section of mouse kidney.
Antibody: Affinity purified rabbit anti-RPL7 (AAA211120 lot 4) used at a dilution of 1:200
(1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-RPL7 antibody	RPL7 is a component of the 60S ribosomal subunit. Ribosomes are composed of a small 40S subunit and a large 60S subunit that function to catalyze protein synthesis. RPL7 is a member of the L30P family of ribosomal proteins and can bind both DNA and RNA in vitro. RPL7 is a cytoplasmic protein implicated to play a regulatory role in translation. It has also been identified as an auto-antigen in patients with autoimmune diseases such as lupus erythematosus.
Product Categories/Family for anti-RPL7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	15431301
NCBI GeneID	6129
NCBI Accession #	NP_000962.2
NCBI GenBank Nucleotide #	NM_000971.3
UniProt Accession #	P18124; Q15289; Q3KQU0; Q5IOX1; Q6IBM9; A8K504
Molecular Weight	29,226 Da
NCBI Official Full Name	60S ribosomal protein L7
NCBI Official Synonym Full Names	ribosomal protein L7
NCBI Official Symbol	RPL7
NCBI Official Synonym Symbols	L7; humL7-1
NCBI Protein Information	60S ribosomal protein L7
UniProt Protein Name	60S ribosomal protein L7
UniProt Gene Name	RPL7
UniProt Entry Name	RL7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpl7-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211120>