

Rabbit anti-Human RPL4/Ribosomal Protein L4 Polyclonal Antibody | anti-RPL4 antibody

Rabbit anti-RPL4/Ribosomal Protein L4 Antibody, Affinity Purified

CATALOG # AAA213074	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

RPL4/Ribosomal Protein L4; Polyclonal Antibody; Rabbit anti-RPL4/Ribosomal Protein L4 Antibody; Affinity Purified; 60S ribosomal protein L1; 60S ribosomal protein L4; L4; large ribosomal subunit protein uL4; ribosomal protein L4; anti-RPL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RPL4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 377 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 RPL4 by western blot. Samples: Whole cell lysate (10 ug) from MCF-7, RKO, LNCaP, K-562, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPL4 antibody (AAA213074 lot 1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human RPL4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RPL4 antibody (AAA213074 lot 1) used for IP at 6 ug per reaction. RPL4 was also immunoprecipitated by a second antibody against a different epitope of RPL4 (BL19864). For blotting immunoprecipitated RPL4, AAA213074 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL4 antibody

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL4 is a ribosomal component of the 60S subunit. The protein belongs to the L4E family of ribosomal proteins. It is located in the cytoplasm [taken from NCBI Entrez Gene (Gene ID: 6124)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	16579885
NCBI GeneID	6124
NCBI Accession #	NP_000959.2
NCBI GenBank Nucleotide #	NM_000968.3
UniProt Accession #	P36578; P39029; Q4VBR0; Q969Z9; A8K502
Molecular Weight	47,697 Da
NCBI Official Full Name	60S ribosomal protein L4
NCBI Official Synonym Full Names	ribosomal protein L4
NCBI Official Symbol	RPL4
NCBI Official Synonym Symbols	L4
NCBI Protein Information	60S ribosomal protein L4; 60S ribosomal protein L1
UniProt Protein Name	60S ribosomal protein L4
UniProt Gene Name	RPL4
UniProt Synonym Gene Names	RPL1
UniProt Entry Name	RL4_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/rpl4-ribosomal-protein-l4-antibody-immunoprecipitation-western-blot-elisa/213074>