

Rabbit anti-Human RPL9 Polyclonal Antibody | anti-RPL9 antibody

Anti-RPL9 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257585	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

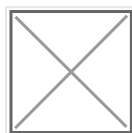
PRODUCT SYNONYMS

RPL9; Polyclonal Antibody; Anti-RPL9 Antibody; Rabbit Polyclonal; RPL9 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-L9 Antibody; Anti-NPC-A-16 Antibody; ribosomal protein L9; anti-RPL9 antibody

PRODUCT SPECIFICATIONS

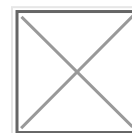
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RPL9
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-RPL9 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human RPL9 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RPL9 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

RPL9 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate, Lane B: 0.5 mg Jurkat Whole Cell Lysate, 4 uL anti-RPL9 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-RPL9 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 22 kDa. Observed band size: 22 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human RPL9 in human brain with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-RPL9 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: SH-SY5Y Whole Cell Lysate Lane D: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 22 kDa Observed band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RPL9 antibody

Background: RPL9 (Ribosomal Protein L9) is a Protein Coding gene. The RPL9 gene, located on 4p14, is conserved in chimpanzee, Rhesus monkey, dog, mouse, rat, and chicken, etc. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L6P family of ribosomal proteins. It is located in the cytoplasm. RPL9, a component of the large subunit of the ribosome, has an unusual structure, comprising two compact globular domains connected by an alpha-helix; it interacts with 23 S rRNA. Diseases associated with RPL9 include Combined Oxidative Phosphorylation Deficiency 1 and Diamond-Blackfan Anemia. Among its related pathways are rRNA processing in the nucleus and cytosol and Viral mRNA Translation.

References

Hou WR, et al. (2011) Cdna, genomic sequence cloning and overexpression of ribosomal protein gene l9 (rpl9) of the giant panda (*ailuropoda melanoleuca*). *Genet Mol Res* 10 (3): 1576-1588. Eid R, et al. (2014) Human ribosomal protein l9 is a bax suppressor that promotes cell survival in yeast. *FEMS Yeast Res* 14 (3): 495-507. Baik IH, et al. (2016) Knockdown of rpl9 expression inhibits colorectal carcinoma growth via the inactivation of id-1/nf-kappab signaling axis. *Int J Oncol* 49 (5): 1953-1962.

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/rpl9-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/257585>