

Rabbit anti-Human MRPL11 Polyclonal Antibody | anti-MRPL11 antibody

Anti-MRPL11 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256771	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRPL11; Polyclonal Antibody; Anti-MRPL11 Antibody; Rabbit Polyclonal; MRPL11 Antibody; Rabbit PAb; Antigen Affinity Purified; mitochondrial ribosomal protein L11; Anti-CGI-113 Antibody; Anti-L11MT Antibody; Anti-MRP-L11 Antibody; anti-MRPL11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MRPL11
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MRPL11 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human MRPL11 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MRPL11 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. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

MRPL11 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-MRPL11 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MRPL11 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: 21 kDa. Observed band size: 21 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human MRPL11 in human small intestine with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human MRPL11 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-MRPL11 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: A549 Whole Cell Lysate Lane D: A431 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: 21 kDa Observed band size: 21 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL11 antibody

MRPL11 (Mitochondrial Ribosomal Protein L11, also known as L11MT) is a Protein Coding gene. This nuclear gene encodes a 39S subunit component of the mitochondrial ribosome. The MRPL11 gene, located on 11q13.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat, etc. MRPL11 belongs to the universal ribosomal protein uL11 family. 3 alternatively spliced human isoforms have been reported. This gene encodes a 39S subunit protein. Sequence analysis identified three transcript variants that encode different isoforms. Pseudogenes corresponding to this gene are found on chromosomes 5q and 12q. Among its related pathways are Organelle biogenesis and maintenance and Viral mRNA Translation.

References

Kenmochi N, et al. (2001) The human mitochondrial ribosomal protein genes: Mapping of 54 genes to the chromosomes and implications for human disorders. Genomics 77 (1-2): 65-70. Han MJ, et al. (2011) Purification of human mitochondrial ribosomal l7/l12 stalk proteins and reconstitution of functional hybrid ribosomes in escherichia coli. Protein Expr Purif 78 (1): 48-54. Brown A, et al. (2014) Structure of the large ribosomal subunit from human mitochondria. Science 346 (6210): 718-722.

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/mrpl11-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256771>