

Rabbit anti-Human MRPL1 Polyclonal Antibody | anti-MRPL1 antibody

MRPL1 Polyclonal Antibody

CATALOG # AAA175310	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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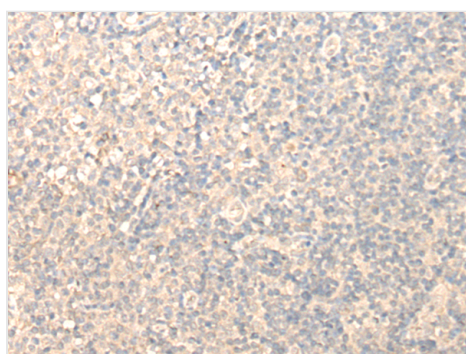
PRODUCT SYNONYMS

MRPL1; Polyclonal Antibody; MRPL1 Polyclonal Antibody; 39S ribosomal protein L1; mitochondrial precursor; BM022; L1mt; Mitochondrial; Mitochondrial ribosomal protein L1; MRP L1; MRP-L1; Mrpl1; RM01; anti-MRPL1 antibody

PRODUCT SPECIFICATIONS

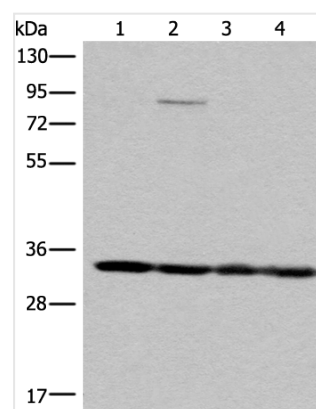
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.84mg/mL (varies by lot)
Sequence Length	325
Applicable Applications for anti-MRPL1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human MRPL1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using MRPL1 Polyclonal Antibody at dilution of 1:25(×200)



WB (Western Blot)

Western blot analysis of K562 HEPG2 231 and Jurkat cell lysates using MRPL1 Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL1 antibody	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein that belongs to the L1 ribosomal protein family.
Product Categories/Family for anti-MRPL1 antibody	Epigenetics and Nuclear Signaling; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	143770802
NCBI GeneID	65008
NCBI Accession #	NP_064621.3; BC014356
NCBI GenBank Nucleotide #	NP_064621.3
UniProt Accession #	Q9BYD6
Molecular Weight	37 kDa
NCBI Official Full Name	39S ribosomal protein L1, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L1
NCBI Official Symbol	MRPL1
NCBI Official Synonym Symbols	L1MT; BM022; MRP-L1
NCBI Protein Information	39S ribosomal protein L1, mitochondrial
UniProt Protein Name	39S ribosomal protein L1, mitochondrial
UniProt Gene Name	MRPL1
UniProt Synonym Gene Names	L1mt; MRP-L1
UniProt Entry Name	RM01_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://www.aaabiotech.com/polyclonal/mrpl1-antibody-immunohistochemistry-western-blot-elisa/175310>