

Rabbit MRPL16 Polyclonal Antibody | anti-MRPL16 antibody

MRPL16 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175463	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRPL16; Polyclonal Antibody; MRPL16 Polyclonal Antibody; 39S ribosomal protein L16; 39S ribosomal protein L16 mitochondrial; L16mt; Mitochondrial; Mitochondrial ribosomal protein L16; MRP-L16; Mrpl16; PNAS 111; RM16; anti-MRPL16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.66mg/mL (varies by lot)
Sequence Length	251
Applicable Applications for anti-MRPL16 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human MRPL16
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 MRPL16 Polyclonal Antibody at dilution of 1:50 (x200)



WB (Western Blot)

Western blot analysis of 293T cell lysates using MRPL16 Polyclonal Antibody at dilution of 1:800

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL16 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923448
NCBI GeneID	54948
NCBI Accession #	NP_060310.1; BC001040
NCBI GenBank Nucleotide #	NP_060310.1
UniProt Accession #	Q9NX20
Molecular Weight	28 kDa
NCBI Official Full Name	39S ribosomal protein L16, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L16
NCBI Official Symbol	MRPL16
NCBI Official Synonym Symbols	L16mt; MRP-L16; PNAS-111
NCBI Protein Information	39S ribosomal protein L16, mitochondrial
UniProt Protein Name	39S ribosomal protein L16, mitochondrial
UniProt Gene Name	MRPL16
UniProt Synonym Gene Names	L16mt; MRP-L16
UniProt Entry Name	RM16_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrpl16-antibody-immunohistochemistry-western-blot-elisa/175463>