

Rabbit anti-Human MRPL40 Polyclonal Antibody | anti-MRPL40 antibody

MRPL40 Polyclonal Antibody

CATALOG # AAA175600	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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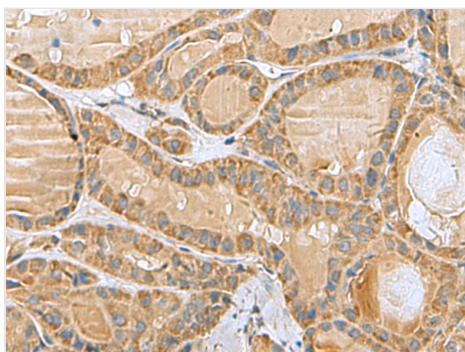
PRODUCT SYNONYMS

MRPL40; Polyclonal Antibody; MRPL40 Polyclonal Antibody; 39S ribosomal protein L40; 39S ribosomal protein L40 mitochondrial; Mitochondrial precursor; FLJ41774; L40mt; MGC9400; Mitochondrial; Mitochondrial ribosomal protein L40; MRP 40; MRP L22; MRP-L40; MRP40; MRPL22; NLVCF; Nuclear localization signal containing protein deleted in velocardiocardial syndrome; Nuclear localization signal deleted in velocardiocardial syndrome; Nuclear localization signal-containing protein deleted in velocardiocardial syndrome; RM40; Up-regulated in metastasis; URIM; anti-MRPL40 antibody

PRODUCT SPECIFICATIONS

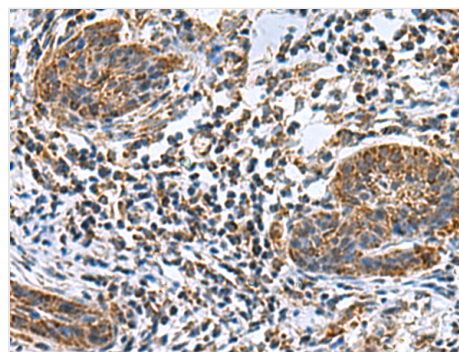
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.44mg/mL (varies by lot)
Sequence Length	206
Applicable Applications for anti-MRPL40 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human MRPL40
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



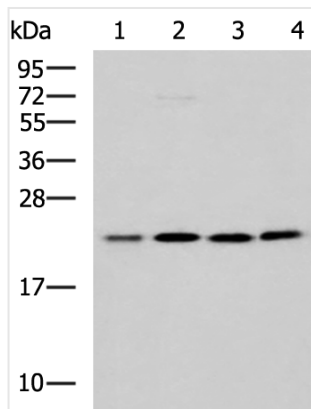
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MRPL40 Polyclonal Antibody at dilution of 1:80(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MRPL40 Polyclonal Antibody at dilution of 1:80(×200)



WB (Western Blot)
 Western blot analysis of K562 A172 Jurkat LOVO cell lysates using MRPL40 Polyclonal
 Antibody at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL40 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. Deletions in this gene may contribute to the etiology of velo-cardio-facial syndrome and DiGeorge syndrome.MRPL40 (Mitochondrial Ribosomal Protein L40) is a Protein Coding gene. Diseases associated with MRPL40 include Mrpl40-Related Disorder and Velocardiofacial Syndrome. Among its related pathways are Mitochondrial translation and Organelle biogenesis and maintenance. GO annotations related to this gene include poly(A) RNA binding.
Product Categories/Family for anti-MRPL40 antibody	Epigenetics and Nuclear Signaling; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	26638659
NCBI GeneID	64976
NCBI Accession #	NP_003767.2; BC009707
NCBI GenBank Nucleotide #	NP_003767.2
UniProt Accession #	Q9NQ50
Molecular Weight	24 kDa
NCBI Official Full Name	39S ribosomal protein L40, mitochondrial isoform 1
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L40
NCBI Official Symbol	MRPL40
NCBI Official Synonym Symbols	URIM; L40mt; NLVCF; MRPL22; MRP-L22; MRP-L40
NCBI Protein Information	39S ribosomal protein L40, mitochondrial
UniProt Protein Name	39S ribosomal protein L40, mitochondrial
UniProt Gene Name	MRPL40
UniProt Synonym Gene Names	NLVCF; URIM; L40mt; MRP-L40
UniProt Entry Name	RM40_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/mrpl40-antibody-immunohistochemistry-western-blot-elisa/175600>