

Rabbit anti-Human MRPL32 Polyclonal Antibody | anti-MRPL32 antibody

MRPL32 Antibody

CATALOG # AAA302295	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

MRPL32; Polyclonal Antibody; MRPL32 Antibody; 39S ribosomal protein L32; mitochondrial [Precursor]; L32mt; MRP-L32; HSPC283; anti-MRPL32 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MRPL32 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	188
Applicable Applications for anti-MRPL32 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MRPL32.
Target Name	MRPL32
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using MRPL32 antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, MCF-7 cells and HepG2 cells, using MRPL32 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL32 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 L32 ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome Xp.Suzuki T., J. Biol. Chem. 276:21724-21736(2001).The MGC Project Team; Genome Res. 14:2121-2127(2004).Kenmochi N., Genomics 77:65-70(2001).
Product Categories/Family for anti-MRPL32 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13994261
NCBI GeneID	64983
NCBI Accession #	NP_114109.1
NCBI GenBank Nucleotide #	NM_031903.2
UniProt Accession #	Q9BYC8; Q96Q68; Q9P098
Molecular Weight	21,405 Da
NCBI Official Full Name	39S ribosomal protein L32, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L32
NCBI Official Symbol	MRPL32
NCBI Official Synonym Symbols	L32mt; HSPC283; MRP-L32; bMRP-59b
NCBI Protein Information	39S ribosomal protein L32, mitochondrial
UniProt Protein Name	39S ribosomal protein L32, mitochondrial
UniProt Gene Name	MRPL32
UniProt Synonym Gene Names	L32mt; MRP-L32
UniProt Entry Name	RM32_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/mrpl32-antibody-immunofluorescence-western-blot-elisa/302295>