

Rabbit anti-Human MRPL10 Polyclonal Antibody | anti-MRPL10 antibody

MRPL10 Antibody

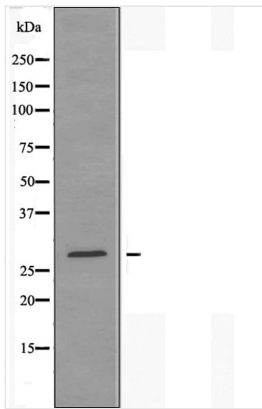
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324339	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

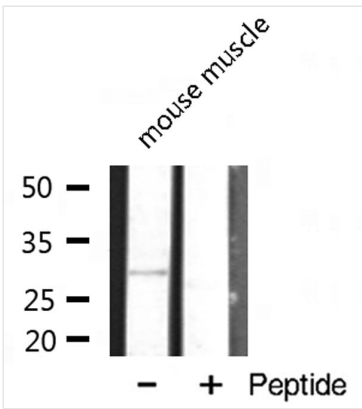
MRPL10; Polyclonal Antibody; MRPL10 Antibody; 39S ribosomal protein L10; 39S ribosomal protein L10 mitochondrial; 39S ribosomal protein L10 mitochondrial precursor; 39S ribosomal protein L8; L10mt; L8mt; MGC17973; mitochondrial; Mitochondrial ribosomal protein L10; MRP L10; MRP L8; MRP-L10; MRP-L8; MRPL 10; MRPL8; RM10_HUMAN; RPML8; anti-MRPL10 antibody

PRODUCT SPECIFICATIONS

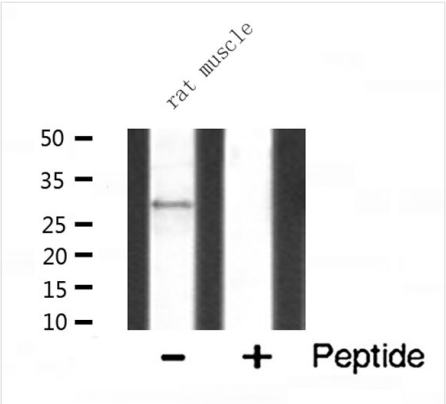
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPL10 antibody detects endogenous levels of total MRPL10
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-MRPL10 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



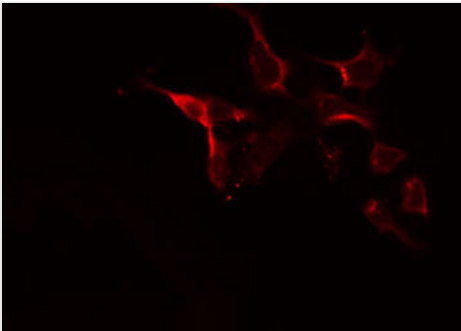
WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using MRPL10 antibody.



WB (Western Blot)
Western blot analysis of MRPL10 expression in mouse muscle lysate



WB (Western Blot)
Western blot analysis of MRPL10 expression in Rat muscle lysate



IF (Immunofluorescence)
AAA324339 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL10 antibody	Subunit Structure: Component of the mitochondrial large ribosomal subunit (mt-LSU). Mature mammalian 55S mitochondrial ribosomes consist of a small (28S) and a large (39S) subunit. The 28S small subunit contains a 12S ribosomal RNA (12S mt-rRNA) and 30 different proteins. The 39S large subunit contains a 16S rRNA (16S mt-rRNA), a copy of mitochondrial valine transfer RNA (mt-tRNA(Val)), which plays an integral structural role, and 52 different proteins. uL10m contributes a single cysteine residue to a zinc-binding site with mL66. Similarity: Belongs to the universal ribosomal protein uL10 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22547114
NCBI GeneID	124995
NCBI Accession #	NP_660298.2
NCBI GenBank Nucleotide #	NM_145255.3
UniProt Accession #	Q7Z7H8; Q96B80; Q96Q55; A6NGJ4
Molecular Weight	Observed: 29 kD Predicted: 30 kDa
NCBI Official Full Name	39S ribosomal protein L10, mitochondrial isoform a
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L10

NCBI Official Symbol	MRPL10
NCBI Official Synonym Symbols	L10MT; MRPL8; RPML8; MRP-L8; MRP-L10
NCBI Protein Information	39S ribosomal protein L10, mitochondrial
UniProt Protein Name	39S ribosomal protein L10, mitochondrial
UniProt Gene Name	MRPL10
UniProt Synonym Gene Names	MRPL8; RPML8; L10mt; MRP-L10; L8mt; MRP-L8

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/mrpl10-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324339>