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Product datasheet for TA339305

MRPL10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-MRPL10 antibody is: synthetic peptide directed towards the N-terminal region of Human MRPL10. Synthetic peptide located within the following region: HLPGSSDSPASASQVAGITGRLPTLQTVRYGSKAVTRHRRVMHFQRQKLM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	mitochondrial ribosomal protein L10
Database Link:	NP_683685 Entrez Gene 124995 Human Q7Z7H8

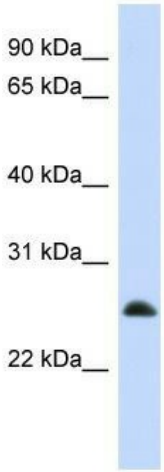
View online »

Background: 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. Sequence analysis identified three transcript variants that encode two different isoforms. A pseudogene corresponding to this gene is found on chromosome 5q. [provided by RefSeq, Nov 2010]

Synonyms: L10MT; MRP-L8; MRP-L10; MRPL8; RPML8

Note: Immunogen Sequence Homology: Human: 100%

Product images:



Host: Rabbit; Target Name: MRPL10; Sample Tissue: HepG2 Whole cell lysates; Antibody Dilution: 1.0 ug/ml