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Product datasheet for TA330716

MRPL14 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-MRPL14 antibody is: synthetic peptide directed towards the C-terminal region of Human MRPL14. Synthetic peptide located within the following region: MTPRFDSNNVVLIEDNGNPVGTRIKTPIPTSLRKREGEYSKVLAIAQNFV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	mitochondrial ribosomal protein L14
Database Link:	NP_115487 Entrez Gene 64928 Human Q6P1L8
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. A pseudogene corresponding to this gene is found at 17p13.3.

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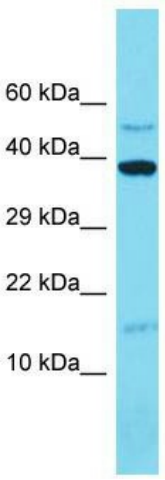
Synonyms: L14mt; L32mt; MRP-L14; MRP-L32; MRPL32; RMPL32; RPML32

Note: Human: 100%; Rat: 93%; Mouse: 93%; Dog: 86%; Goat: 86%; Horse: 86%; Bovine: 86%; Zebrafish: 85%; Pig: 79%

Product images:



Host: Rabbit; Target Name: MRPL14; Sample Tissue: 721_B Whole Cell lysates; Antibody Dilution: 1.0ug/ml