

Product datasheet for **TA331638**

MRPL4 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-MRPL4 Antibody is: synthetic peptide directed towards the N-terminal region of Human MRPL4. Synthetic peptide located within the following region: YAKTKTRAEVRGGGRKPWPQKGTGRARHGSIKRSPLWRGGGVAHGPRGPTS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	mitochondrial ribosomal protein L4
Database Link:	NP_666499 Entrez Gene 51073 Human Q9BYD3
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.



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Synonyms: CGI-28; L4mt

Note: Immunogen sequence homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%

Product images:



Host: Rabbit; Target Name: MRPL4; Sample Tissue: HepG2 Whole Cell lysates; Antibody Dilution: 1.0ug/ml