# MRPL32 Rabbit Polyclonal Antibody

# CAB10016

## Product Information

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| **Product SKU**: | CAB10016 | **Gene ID**: | 64983 | **Size**: | 20uL, 100uL |
| **Clone No**: | - | **Host Species:** | Rabbit | **Reactivity**: | Human,Mouse |

## Additional Information

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| **Observed MW**: | 14kDa | **Conjugate:** | Unconjugated |
| **Calculated MW**: | 21kDa | **Isotype:** | IgG |

## Immunogen Information

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| **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 that belongs to the L32 ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome Xp. |
| **Recommended Dilution**: | WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200 |
| **Synonyms**: | L32mt; HSPC283; MRP-L32; bMRP-59b; MRPL32 |
| **Purifcation Method**: | Affinity purification |
| **Immunogen**: | Recombinant fusion protein containing a sequence corresponding to amino acids 19-188 of human MRPL32 (NP_114109.1). |
| **Storage**: | Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |

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