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Anti-Human MRPL3 Polyclonal Antibody

多克隆抗体

产品货号: PA05091

第三版

描述: 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 L3P ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome 13q. MRPL3 (Mitochondrial Ribosomal Protein L3) is a Protein Coding gene. Diseases associated with MRPL3 include Combined Oxidative Phosphorylation Deficiency 9 and Mitochondrial Cardiomyopathy. Among its related pathways are Mitochondrial translation and Viral mRNA Translation. GO annotations related to this gene include poly(A) RNA binding and structural constituent of ribosome.

抗原: Synthesized peptide derived from the Internal region of human MRP-L3

配方:

如何使用: 加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液: PBS (pH7.4) , 1% BSA

应用: WB 1 ~ 5 μ g/ml.

特异性: