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Anti-Human/Mouse/Rat/Monkey MRPS21 Polyclonal Antibody

多克隆抗体

产品货号: PA05104

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 28S subunit protein that belongs to the ribosomal protein S21P family. Pseudogenes corresponding to this gene are found on chromosomes 1p, 1q, 9p, 10p, 10q, 16q, and 17q. Available sequence data analyses identified splice variants that differ in the 5' UTR; both transcripts encode the same protein. MRPS21 (Mitochondrial Ribosomal Protein S21) is a Protein Coding gene. 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-S21

**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 μg/ml.

**特异性:**