

MRPL40 Antibody

货号: **AYP5734**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
理论分子量	24kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,U2OS,BxPC-3
细胞定位	mitochondrial inner membrane,mitochondrial ribosome,mitochondrion,nucleolus,nucleus
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human MRPL40.
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靶点信息

研究背景	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. Deletions in this gene may contribute to the etiology of velo-cardio-facial syndrome and DiGeorge syndrome.
基因ID	64976

基因名	MRPL40
Swiss	Q9NQ50
别名	URIM;L40mt;NLVCF;MRPL22;MRP-L22;MRP-L40;MRPL40

产品验证

实验步骤

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