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# MRPL54 Antibody

货号: **AYP5720**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF:</b> 1:50 - 1:200
理论分子量	15kDa
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-431,HT-29,LO2
细胞定位	Mitochondrion
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human MRPL54.
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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.
基因ID	116541
基因名	MRPL54
Swiss	Q6P161 ( <a href="https://www.uniprot.org/uniprotkb/Q6P161/entry">https://www.uniprot.org/uniprotkb/Q6P161/entry</a> )
别名	MRPL54,L54mt,MRP-L54,MRPL54 Antibody,39S ribosomal protein L54,mitochondrial

## 产品验证

## 实验步骤

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