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# MRPL37 Rabbit pAb

货号: **AYP14947**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mouse liver
应用	WB IHC
推荐浓度	<b>WB:</b> 1:200 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	48kDa
实测分子量	48kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse testis,Mouse kidney,Mouse heart
细胞定位	Mitochondrion
纯化	Affinity purification

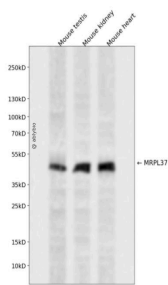
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 116-423 of human MRPL 37 (NP_057575.2).
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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	51253
基因名	MRPL37
Swiss	Q9BZE1 ( <a href="https://www.uniprot.org/uniprotkb/Q9BZE1/entry">https://www.uniprot.org/uniprotkb/Q9BZE1/entry</a> )
别名	MRPL37,L2mt,L37mt,MRP-L2,MRP-L37,MRPL2,RPML2,MRPL37 Rabbit pAb,39S ribosomal protein L2,mitochondrial,39S ribosomal protein L37

## 产品验证



Western blot analysis of MRPL37 expressed in Mouse testis, Mouse kidney, Mouse heart using MRPL37 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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