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# MRPS14 Rabbit pAb

货号: **AYP18391**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:200 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	15kDa
实测分子量	15-17kDa
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	BxPC-3,U-251MG,Mouse heart,Mouse kidney,Mouse liver
细胞定位	Mitochondrion
纯化	Affinity purification

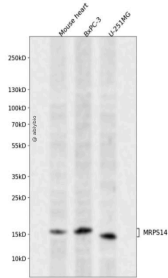
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-128 of human MRPS14 (NP_071383.1).
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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 28S subunit protein that belongs to the ribosomal protein S14P family. Alternative splicing results in multiple transcript variants.
基因ID	63931
基因名	MRPS14
Swiss	O60783 ( <a href="https://www.uniprot.org/uniprotkb/O60783/entry">https://www.uniprot.org/uniprotkb/O60783/entry</a> )
别名	MRPS14,DJ262D12.2,HSMRPS14,MRP-S14,S14mt,MRPS14 Rabbit pAb,28S ribosomal protein S14,mitochondrial

## 产品验证



Western blot analysis of MRPS14 expressed in Mouse heart, BxPC-3, U-251MG using MRPS14 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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