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# MRM3 Rabbit pAb

货号: **AYP17136**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	47kDa
实测分子量	47kDa
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	U-87MG, HepG2, 293T
细胞定位	Mitochondrion
纯化	Affinity purification

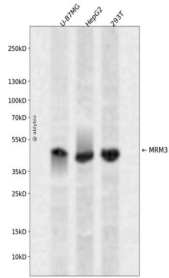
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-420 of human MRM3 (NP_060616.1).
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## 靶点信息

研究背景	Efficient translation of mitochondrial-derived transcripts requires proper assembly of the large subunit of the mitochondrial ribosome. Central to the biogenesis of this large subunit is the A-loop of mitochondrial 16S rRNA, which is modified by three rRNA methyltransferases located near mtDNA nucleoids. The protein encoded by this gene methylates G(1370) of 16S rRNA, and this modification is necessary for proper ribosomal large subunit assembly. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	55178
基因名	MRM3
Swiss	Q9HC36 ( <a href="https://www.uniprot.org/uniprotkb/Q9HC36/entry">https://www.uniprot.org/uniprotkb/Q9HC36/entry</a> )
别名	MRM3,RMTL1,RNMTL1,MRM3 Rabbit pAb,16S rRNA (guanosine(1370)-2'-O)-methyltransferase,16S rRNA [Gm1370] 2'-O-methyltransferase,RNA methyltransferase-like protein 1

## 产品验证



Western blot analysis of MRM3 expressed in U-87MG, HepG2, 293T using MRM3 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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