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# RPUSD4 Rabbit pAb

货号: **AYP18356**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:200 - 1:2000
理论分子量	38kDa/42kDa
实测分子量	45kDa
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	HT-29,293T,Mouse spleen,Rat spleen,Rat testis
细胞定位	mitochondrial matrix,mitochondrion,nucleoplasm
纯化	Affinity purification

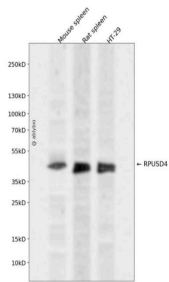
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-377 of human RPUSD 4 (NP_116184.2).
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## 靶点信息

研究背景	Catalyzes uridine to pseudouridine isomerization (pseudouridylation of different mitochondrial RNA substrates. Acts on position 1397 in 16S mitochondrial ribosomal RNA (16S mt-rRNA. This modification is required for the assembly of 16S mt-rRNA into a functional mitochondrial ribosome. Acts on position 39 in mitochondrial tRNA(Phe. As a component of a functional protein-RNA module, consisting of RCC1L, NGRN, RPU SD3, RPUSD4, TRUB2, FASTKD2 and 16S mt-rRNA, controls 16S mt-rRNA abundance and is required for in tra-mitochondrial translation.
基因ID	84881
基因名	RPUSD4
Swiss	Q96CM3 ( <a href="https://www.uniprot.org/uniprotkb/Q96CM3/entry">https://www.uniprot.org/uniprotkb/Q96CM3/entry</a> )
别名	RPUSD4,RPUSD4 Rabbit pAb,RNA pseudouridylate synthase domain-containing protein 4

## 产品验证



Western blot analysis of RPUSD4 expressed in Mouse spleen,Rat spleen,HT-29 using RPUSD4 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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