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# RRP8 Rabbit pAb

货号: **AYP22908**

## 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> 1:500 - 1:1000
理论分子量	50kDa
实测分子量	58KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse kidney,Mouse spleen,Rat kidney,Rat thymus
细胞定位	cytosol,eNoSc complex,nucleolus,nucleoplasm,plasma membrane
纯化	Affinity purification

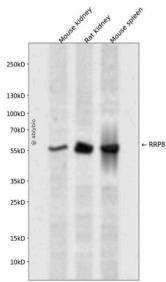
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human RRP8 (NP_05613 9.1).
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## 靶点信息

研究背景	Essential component of the eNoSC (energy-dependent nucleolar silencing complex, a complex that mediates silencing of rDNA in response to intracellular energy status and acts by recruiting histone-modifying enzymes. The eNoSC complex is able to sense the energy status of cell: upon glucose starvation, elevation of NAD(+)/NADP(+) ratio activates SIRT1, leading to histone H3 deacetylation followed by dimethylation of H3 at 'Lys-9' (H3K9me2 by SUV39H1 and the formation of silent chromatin in the rDNA locus. In the complex, RRP8 binds to H3K9me2 and probably acts as a methyltransferase. Its substrates are however unknown.
基因ID	23378
基因名	RRP8
Swiss	O43159 ( <a href="https://www.uniprot.org/uniprotkb/O43159/entry">https://www.uniprot.org/uniprotkb/O43159/entry</a> )
别名	NML,KIAA0409,RRP8 Rabbit pAb,RRP8,Cerebral protein 1,Nucleomethylin

## 产品验证



Western blot analysis of RRP8 expressed in Mouse kidney,Rat kidney,Mouse spleen using RRP8 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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