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# PPA2 Rabbit pAb

货号: **AYP18205**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:100 <b>IF/ICC:</b> 1:50 - 1:100
理论分子量	18kDa/25kDa/34kDa/37kDa/39kDa
实测分子量	38kDa
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-251MG,A-549,OVCAR3
细胞定位	Mitochondrion
纯化	Affinity purification

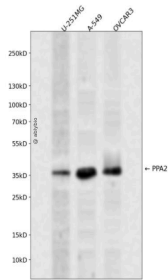
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 33-100 of human PPA2 (NP_008834.3).
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## 靶点信息

研究背景	The protein encoded by this gene is localized to the mitochondrion, is highly similar to members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
基因ID	27068
基因名	PPA2
Swiss	Q9H2U2 ( <a href="https://www.uniprot.org/uniprotkb/Q9H2U2/entry">https://www.uniprot.org/uniprotkb/Q9H2U2/entry</a> )
别名	PPA2,HSPC124,SCFAI,SCFI,SID6-306,PPA2 Rabbit pAb,Pyrophosphatase SID6-306,Pyrophosphate phosphohydrolase 2

## 产品验证



Western blot analysis of PPA2 expressed in U-251MG, A-549, OVCAR3 using PPA2 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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