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# RPIA Rabbit pAb

货号: **AYP15873**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:200 - 1:1000 <b>IHC:</b> 1:50 - 1:200
理论分子量	33kDa
实测分子量	33kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	B cells,HL-60,Mouse thymus,Rat fat,Mouse spleen,Mouse skeletal muscle,Rat thymus
细胞定位	cytosol
纯化	Affinity purification

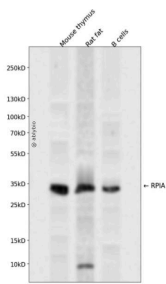
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 82-311 of human RPIA (NP_653164.2).
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## 靶点信息

研究背景	The protein encoded by this gene is an enzyme, which catalyzes the reversible conversion between ribose-5-phosphate and ribulose-5-phosphate in the pentose-phosphate pathway. This gene is highly conserved in most organisms. The enzyme plays an essential role in the carbohydrate metabolism. Mutations in this gene cause ribose 5-phosphate isomerase deficiency. A pseudogene is found on chromosome 18.
基因ID	22934
基因名	RPIA
Swiss	P49247 ( <a href="https://www.uniprot.org/uniprotkb/P49247/entry">https://www.uniprot.org/uniprotkb/P49247/entry</a> )
别名	RPIA,RPI,RPIAD,RPIA Rabbit pAb,Phosphoriboisomerase

## 产品验证



Western blot analysis of RPIA expressed in Mouse thymus, Rat fat, B cells using RPIA 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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