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# PAICS Rabbit pAb

货号: **AYP13435**

## 产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:10 - 1:100
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 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,293T,SW620,Raji,HeLa
细胞定位	cytoplasm,cytosol,extracellular exosome
纯化	Affinity purification

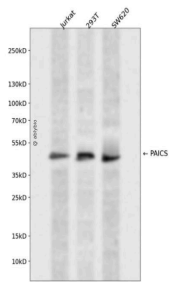
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 176-425 of human PAICS (NP_001072992.1).
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## 靶点信息

研究背景	This gene encodes a bifunctional enzyme containing phosphoribosylaminoimidazole carboxylase activity in its N-terminal region and phosphoribosylaminoimidazole succinocarboxamide synthetase in its C-terminal region. It catalyzes steps 6 and 7 of purine biosynthesis. The gene is closely linked and divergently transcribed with a locus that encodes an enzyme in the same pathway, and transcription of the two genes is coordinately regulated. The human genome contains several pseudogenes of this gene. Multiple transcript variants encoding different isoforms have been found for this gene.
基因ID	10606
基因名	PAICS
Swiss	P22234 ( <a href="https://www.uniprot.org/uniprotkb/P22234/entry">https://www.uniprot.org/uniprotkb/P22234/entry</a> )
别名	PAICS,ADE2,ADE2H1,AIRC,PAIS,PAICS Rabbit pAb,AIR carboxylase,SAICAR synthetase

## 产品验证



Western blot analysis of PAICS expressed in Jurkat,293T,SW620 using PAICS 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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