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# GMPS Rabbit pAb

货号: **AYP14885**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>IF:</b> Human colon cancer cell <b>WB:</b> Human promyelocytic leukemia cells
应用	WB IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IP:</b> 1:50 - 1:100
理论分子量	65kDa/76kDa
实测分子量	80kDa
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	MCF-7,SKOV3,HL-60,U-251MG,Mouse heart,Mouse kidney,Mouse brain,Rat heart
细胞定位	Cytoplasm
纯化	Affinity purification

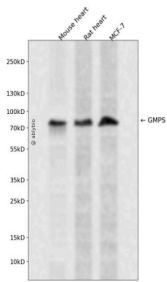
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 394-693 of human GMP S (NP_003866.1).
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## 靶点信息

研究背景	In the de novo synthesis of purine nucleotides, IMP is the branch point metabolite at which point the pathway diverges to the synthesis of either guanine or adenine nucleotides. In the guanine nucleotide pathway, there are 2 enzymes involved in converting IMP to GMP, namely IMP dehydrogenase (IMPD1), which catalyzes the oxidation of IMP to XMP, and GMP synthetase, which catalyzes the amination of XMP to GMP.
基因ID	8833
基因名	GMPS
Swiss	P49915 ( <a href="https://www.uniprot.org/uniprotkb/P49915/entry">https://www.uniprot.org/uniprotkb/P49915/entry</a> )
别名	GMPS,GATD7,GMPS Rabbit pAb,GMP synthetase,Glutamine amidotransferase

## 产品验证



Western blot analysis of GMPS expressed in Mouse heart,Rat heart,MCF-7 using GMPS Rabbit pAb at 1:10 00. 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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