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# MAT1A Rabbit pAb

货号: **AYP13407**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>capillary electrophoresis:</b> Mus musculus
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	43kDa
实测分子量	44kDa
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	HepG2,293T,Mouse liver,Rat liver
细胞定位	cytosol
纯化	Affinity purification

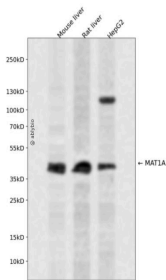
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-395 of human MAT1A (NP_000420.1).
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## 靶点信息

研究背景	This gene catalyzes a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosylmethionine and triphosphosphate, which is subsequently cleaved to PPi and Pi. S-adenosylmethionine is the source of methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT I) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency.
基因ID	4143
基因名	MAT1A
Swiss	Q00266 ( <a href="https://www.uniprot.org/uniprotkb/Q00266/entry">https://www.uniprot.org/uniprotkb/Q00266/entry</a> )
别名	MAT1A, MAT, MATA1, SAMS, SAMS1, MAT1A Rabbit pAb, Methionine adenosyltransferase 1, Methionine adenosyltransferase I/III, AMS1

## 产品验证



Western blot analysis of MAT1A expressed in Mouse liver, Rat liver, HepG2 using MAT1A 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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