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# GLDC Rabbit pAb

货号: **AYP13176**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus
应用	WB IHC IF/ICC IP
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 <b>IP:</b> 1:500 - 1:1000
理论分子量	112kDa
实测分子量	113kDa
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,DU145
细胞定位	Mitochondrion
纯化	Affinity purification

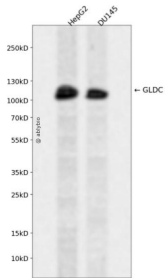
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 36-290 of human GLDC (NP_000161.2).
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## 靶点信息

研究背景	Degradation of glycine is brought about by the glycine cleavage system, which is composed of four mitochondrial protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase), H protein (a lipoic acid-containing protein), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipamide dehydrogenase). The protein encoded by this gene is the P protein, which binds to glycine and enables the methylamine group from glycine to be transferred to the T protein. Defects in this gene are a cause of nonketotic hyperglycinemia (NKH).
基因ID	2731
基因名	GLDC
Swiss	P23378 ( <a href="https://www.uniprot.org/uniprotkb/P23378/entry">https://www.uniprot.org/uniprotkb/P23378/entry</a> )
别名	GLDC,GCE,GCSP,HYGN1,GLDC Rabbit pAb,Glycine cleavage system P protein,Glycine decarboxylase,Glycine dehydrogenase (aminomethyl-transferring)

## 产品验证



Western blot analysis of GLDC expressed in HepG2,DU145 using GLDC 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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