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# OGDH Rabbit pAb

货号: **AYP13442**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:10 - 1:100
理论分子量	48kDa/115kDa
实测分子量	110KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LNCaP,Mouse brain,Rat heart,Mouse skeletal muscle
细胞定位	Mitochondrion matrix
纯化	Affinity purification

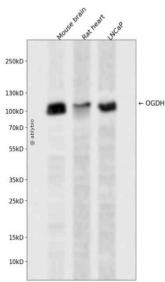
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 869-1023 of human OGDH (NP_002532.2).
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## 靶点信息

研究背景	This gene encodes one subunit of the 2-oxoglutarate dehydrogenase complex. This complex catalyzes the overall conversion of 2-oxoglutarate (alpha-ketoglutarate) to succinyl-CoA and CO <sub>2</sub> during the Krebs cycle. The protein is located in the mitochondrial matrix and uses thiamine pyrophosphate as a cofactor. A congenital deficiency in 2-oxoglutarate dehydrogenase activity is believed to lead to hypotonia, metabolic acidosis, and hyperlactatemia. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
基因ID	4967
基因名	OGDH
Swiss	Q02218 ( <a href="https://www.uniprot.org/uniprotkb/Q02218/entry">https://www.uniprot.org/uniprotkb/Q02218/entry</a> )
别名	OGDH,AKGDH,E1k,OGDC,OGDH Rabbit pAb,2-oxoglutarate dehydrogenase,mitochondrial,Alpha-ketoglutarate dehydrogenase,Thiamine diphosphate (ThDP)-dependent 2-oxoglutarate dehydrogenase

## 产品验证



Western blot analysis of OGDH expressed in Mouse brain,Rat heart,LNCaP using OGDH 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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