

# OGDH Rabbit pAb

货号: **AYP19697**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	48kDa/115kDa
实测分子量	116kDa
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	Mouse kidney,Mouse heart,Mouse brain
细胞定位	Mitochondrion matrix
纯化	Affinity purification

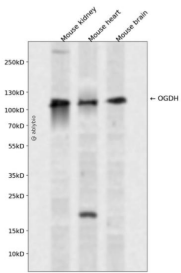
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 148-427 of human OGDH (NP_001003941.1).
序列	DPLGILDADLDSSVPADIISSTDKLGFYGLDESDLDKVFHLPPTTTFIGGQESALPLREIIRRLEMAYCQHIGVEFMFINDLEQC QWIRQKFETPGIMQFTNEEKRTLRLARLVRSTRFEFLQRKWSSEKRFGLGCEVLIPALKTIIDKSSENGVDYVIMGMPHRG RLNVLANVIRKELEQIFCQFDSKLEAADEGSGDVKYHLGMYHRRINRVTDNRNITLSLVANPSHLEAADPVVMGKTKAEQFY CGDTEGKKVRPRERRARQIVKAPCSSMEFRSPT

## 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(2) 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
别名	OGDH;AKGDH;E1k;OGDC

## 产品验证



Western blot analysis of OGDH expressed in Mouse kidney, Mouse heart, Mouse brain using OGDH 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: 120 S.

## 实验步骤

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