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# BCKDHA Rabbit pAb

货号: **AYP20512**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	50kDa
实测分子量	40kDa
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 liver,Mouse kidney,Mouse heart,Rat kidney,Rat liver
细胞定位	Mitochondrion matrix
纯化	Affinity purification

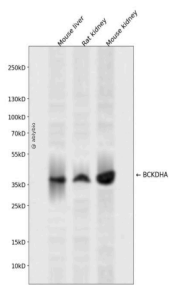
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 276-445 of human BCKDHA (NP_000700.1).
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## 靶点信息

研究背景	The branched-chain alpha-keto acid (BCAA) dehydrogenase (BCKD) complex is an innter mitochondrial enzyme complex that catalyzes the second major step in the catabolism of the branched-chain amino acids leucine, isoleucine, and valine. The BCKD complex consists of three catalytic components: a heterotetrameric (alpha2-beta2) branched-chain alpha-keto acid decarboxylase (E1), a dihydrolipoyl transacylase (E2), and a dihydrolipoamide dehydrogenase (E3). This gene encodes the alpha subunit of the decarboxylase (E1) component. Mutations in this gene result in maple syrup urine disease, type IA. Multiple transcript variants encoding different isoforms have been found for this gene.
基因ID	593
基因名	BCKDHA
Swiss	P12694 ( <a href="https://www.uniprot.org/uniprotkb/P12694/entry">https://www.uniprot.org/uniprotkb/P12694/entry</a> )
别名	BCKDHA,BCKDE1A,MSU,MSUD1,OVD1A,BCKDHA Rabbit pAb,Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain

## 产品验证



Western blot analysis of BCKDHA expressed in Mouse liver,Rat kidney,Mouse kidney using BCKDHA 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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