

# Anti-ACAA2 兔多克隆抗体

K1344160 -20°C



## 产品信息

蛋白质全称	线粒体 3-酮酰基-CoA 硫解酶
别名	ACAA2, Acetyl CoA acyltransferase, Beta ketothiolase, DSAEC, T1
免疫原	KLH 偶联的小鼠 ACAA2 合成肽
Uniprot ID	Q8BWT1
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	42 kDa / 42 kDa

## 应用

### WB 免疫印迹

物种: 小鼠, 大鼠

稀释比: 1: 1500-1: 3000

阳性样品: 脑

## 背景

In the production of energy from fats, this is one of the enzymes that catalyzes the last step of the mitochondrial beta-oxidation pathway, an aerobic process breaking down fatty acids into acetyl-CoA. Using free coenzyme A/CoA, catalyzes the thiolytic cleavage of medium- to long-chain unbranched 3-oxoacyl-CoAs into acetyl-CoA and a fatty acyl-CoA shortened by two carbon atoms. Also catalyzes the condensation of two acetyl-CoA molecules into acetoacetyl-CoA and could be involved in the production of ketone bodies. Also displays hydrolase activity on various fatty acyl-CoAs. Thereby, could be responsible for the production of acetate in a side reaction to beta-oxidation.

## 储存条件

**储存条件:** 自收到之日起 -20°C下储存一年, 避免反复冻融。  
**储存缓冲液:** 含 0.15% ProClin300 防腐剂, 100 µg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

## 图像



WB 检测 ACAA2 蛋白(货号 K1344160).  
 样品: 经 RIPA 裂解液(货号 KSG2002)处理的蛋白质.  
 封闭: 3%脱脂牛奶(货号 KSGC310001)溶于 TBST 溶液,  
 室温孵育 1 小时.  
 一抗: 1: 1500 稀释, 4°C 孵育过夜.  
 二抗: HRP 标记山羊抗兔 IgG (H+L) (货号 KB69909), 1:  
 5000 稀释, 室温孵育 1 小时.

For Research Use Only!

Ver. No.: V1-202603