

Recombinant Anti-AMACR antibody (兔单克隆抗体)

K5459918 -20°C


产品信息

蛋白质全称	α-甲基酰基辅酶 A 消旋酶
别名	2 methylacyl CoA racemase, alpha methylacyl CoA racemase, AMACR, CBAS4, p504S, RACE
免疫原	KLH 偶联的人 AMACR 合成肽
Uniprot ID	Q9UHK6
抗体亚型	IgG, κ
克隆号	SB397
纯化方式	亲和纯化
亚细胞定位	线粒体, 过氧化物酶体
预测分子量 / 观测分子量	42 kDa / 42 kDa

应用

WB 免疫印迹

物种: 人
 稀释比: 1: 1000-1: 2000
 阳性样品: Caco-2 细胞

IHC/IF 免疫组织化学/免疫荧光

物种: 人
 稀释比: 1: 200-1: 400
 阳性样品:

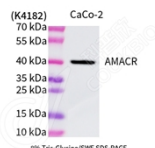
背景

AMACR(Alpha-methylacyl-CoA racemase) belongs to the CaiB/BaiF CoA-transferase family. It is a mitochondrial and peroxisomal enzyme that catalyzes the conversion of 2R stereoisomers of phytanic and pristanic acid to their S counterparts. AMACR has previously been shown to be a highly sensitive marker for colorectal and clinically localized prostate cancer (PCa). However, AMACR expression is down-regulated at the transcript and protein level in hormone-refractory metastatic PCa, suggesting a hormone-dependent expression of AMACR. Defects in AMACR are the cause of alpha-methylacyl-CoA racemase deficiency (AMACRD) and congenital bile acid synthesis defect type 4 (CBAS4).

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 AMACR 蛋白(货号 K5459918).
 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: 1000 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.

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