

Anti-HSD17B8 兔多克隆抗体

K1344412 -20°C


产品信息

蛋白质全称	(3R)-3-羟酰辅酶 A 脱氢酶
别名	17 beta HSD 8, D6S2245E, FABG, FABGL, H2 KE6, HKE6, HSD17B8, Ke 6, KE6, Protein Ke6, RING2, SDR30C1
免疫原	KLH 偶联的小鼠 HSD17B8 合成肽
Uniprot ID	P50171
抗体亚型	IgG
纯化方式	亲和纯化
亚细胞定位	线粒体基质
预测分子量 / 观测分子量	27 kDa / 32 kDa

应用

WB 免疫印迹

物种: 小鼠, 大鼠
 稀释比: 1: 2000-1: 3000
 阳性样品:

IHC/IF 免疫组织化学/免疫荧光

物种: 小鼠, 大鼠
 稀释比: 1: 1000-1: 3000
 阳性样品: 脑, 小脑

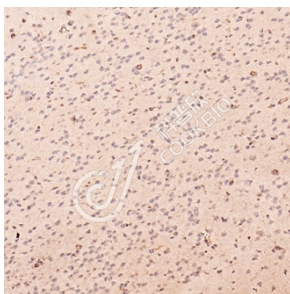
背景

Required for the solubility and assembly of the heterotetramer 3-ketoacyl-[acyl carrier protein] (ACP) reductase functional complex (KAR or KAR1) that forms part of the mitochondrial fatty acid synthase (mtFAS). Alpha-subunit of the KAR complex, acts as scaffold protein, required for the stability of carbonyl reductase type-4 (CBR4, beta-subunit of the KAR complex) and for its 3-ketoacyl-ACP reductase activity, thereby participating in mitochondrial fatty acid biosynthesis. Catalyzes the NAD-dependent conversion of (3R)-3-hydroxyacyl-CoA into 3-ketoacyl-CoA (3-oxoacyl-CoA) with no chain length preference, this enzymatic activity is not needed for the KAR function. Prefers (3R)-3-hydroxyacyl-CoA over (3S)-3-hydroxyacyl-CoA and displays enzymatic activity only in the presence of NAD⁺(H).

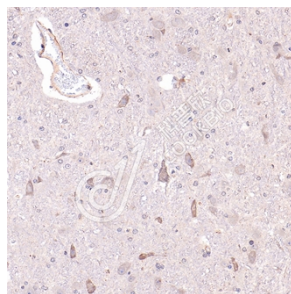
储存条件

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



IHC 检测 HSD17B8 蛋白(货号 K1344412).
 样品: 小鼠脑, 4%多聚甲醛 (货号 KSG1101) 固定 12-24 小时.
 抗原修复: 柠檬酸抗原修复液(干粉, pH 6.0) (KSG1201), 98°C, 20 分钟.
 一抗: 1: 2000 稀释, 4°C 孵育过夜.
 二抗: S-vision 免疫组化多聚二抗(山羊抗兔),即用型 (货号 KB3906), 室温孵育 20 分钟.



IHC 检测 HSD17B8 蛋白(货号 K1344412).
 样品: 大鼠小脑, 4%多聚甲醛 (货号 KSG1101) 固定 12-24 小时.
 抗原修复: 柠檬酸抗原修复液(干粉, pH 6.0) (KSG1201), 98°C, 20 分钟.
 一抗: 1: 2000 稀释, 4°C 孵育过夜.
 二抗: S-vision 免疫组化多聚二抗(山羊抗兔),即用型 (货号 KB3906), 室温孵育 20 分钟.

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