

Anti-ALKBH3 兔多克隆抗体

K1344223 -20°C



产品信息

蛋白质全称	α -酮戊二酸依赖双加氧酶 alkB 同源物 3
别名	ABH3, ALKBH3, DEPC 1, DEPC1, PCA1, Prostate cancer antigen 1
免疫原	KLH 偶联的小鼠 ALKBH3 合成肽
Uniprot ID	Q8K1E6
抗体亚型	IgG
纯化方式	亲和纯化
亚细胞定位	细胞核, 细胞质

应用

IHC/IF 免疫组织化学/免疫荧光

物种: 人
 稀释比: 1: 400-1: 800
 阳性样品: 肝癌

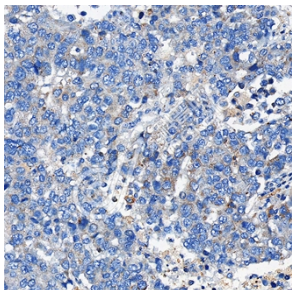
背景

Dioxygenase that mediates demethylation of DNA and RNA containing 1-methyladenosine (m1A). Repairs alkylated DNA containing 1-methyladenosine (m1A) and 3-methylcytosine (m3C) by oxidative demethylation. Has a strong preference for single-stranded DNA. Able to process alkylated m3C within double-stranded regions via its interaction with ASCC3, which promotes DNA unwinding to generate single-stranded substrate needed for ALKBH3. Also acts on RNA. Demethylates N(1)-methyladenosine (m1A) RNA, an epigenetic internal modification of messenger RNAs (mRNAs) highly enriched within 5'-untranslated regions (UTRs) and in the vicinity of start codons. Requires molecular oxygen, alpha-ketoglutarate and iron.

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 μ g/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

图像



IHC 检测 ALKBH3 蛋白(货号 K1344223).
 样品: 人肝癌, 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: 600 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.

For Research Use Only!

Ver. No.: V1-202603