

Anti-p27 KIP 1 兔多克隆抗体

K133462 -20°C


产品信息

蛋白质全称	细胞周期蛋白依赖性激酶抑制剂 1B
别名	CDKN1B, CDKN4, KIP1, MEN1B, MEN4, P27KIP1, cyclin-dependent kinase inhibitor 1B, cyclin dependent kinase inhibitor 1B, p27Kip1, Cdk1b, p27, Cyclin-dependent kinase inhibitor p27, P27-like cyclin-dependent kinase inhibitor
免疫原	KLH 偶联的小鼠 p27 KIP1 合成肽
Uniprot ID	P46414
抗体亚型	IgG
纯化方式	亲和纯化
亚细胞定位	细胞核, 细胞质, 内体

应用

IHC/IF 免疫组织化学/免疫荧光

物种: 人, 小鼠, 大鼠

稀释比: 1: 100-1: 500

阳性样品: 骨骼肌

ICC/IF 免疫细胞化学/免疫荧光

物种: 人, 小鼠

稀释比: 1: 200-1: 800

阳性样品: HeLa 细胞

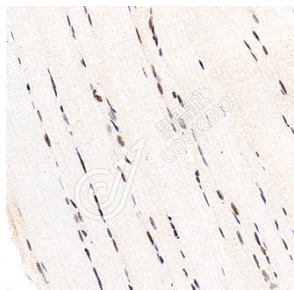
背景

CDKN1B, also named as P27 or KIP1, is a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. P27 binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controlling cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Downregulation of P27 has been implicated in the progression of several malignancies, including lung cancer, hepatocellular carcinoma, salivary cancer, oral squamous cell carcinomas, and gastric cancer.

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 p27 KIP 1 蛋白(货号 K133462).
 样品: 大鼠骨骼肌, 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: 300 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.



ICC 检测 p27 KIP 1 蛋白(货号 K133462)(红色).
 样品: HeLa 细胞, 4%多聚甲醛 (货号 KSG1101) 固定 20 分钟.
 封闭: 3% BSA (货号 KSGC305010) 的 PBS 溶液, 室温孵育 30 分钟.
 一抗: 1: 300 稀释, 4°C 孵育过夜.
 二抗: Cy3 标记山羊抗兔 IgG (H+L) (货号 KB63909), 1: 300 稀释, 室温孵育 1 小时.

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