

CDKN2A/p14ARF (YD14390) Rabbit mAb

货号: **AYD15315**

产品信息

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|-------|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB ICC/IF FC IP |
| 推荐浓度 | |
| 理论分子量 | 14kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | 293T,HeLa |
| 细胞定位 | Nucleus, nucleolus, nucleoplasm, Mitochondrion |
| 纯化 | |

抗原信息

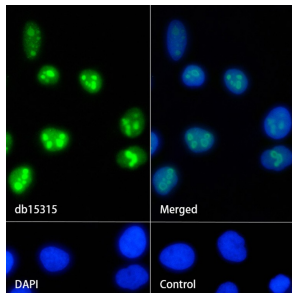
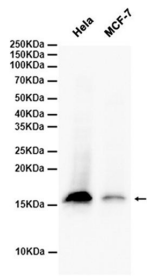
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| 抗原信息 | |
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靶点信息

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| 研究背景 | <p>This gene generates several transcript variants which differ in their first exons. At least three alternatively spliced variants encoding distinct proteins have been reported, two of which encode structurally related isoforms known to function as inhibitors of CDK4 kinase. The remaining transcript includes an alternate first exon located 20 Kb upstream of the remainder of the gene; this transcript contains an alternate open reading frame (ARF) that specifies a protein which is structurally unrelated to the products of the other variants. This ARF product functions as a stabilizer of the tumor suppressor protein p53 as it can interact with, and sequester, the E3 ubiquitin-protein ligase MDM2, a protein responsible for the degradation of p53. In spite of the structural and functional differences, the CDK inhibitor isoforms and the ARF product encoded by this gene, through the regulatory roles of CDK4 and p53 in cell cycle G1 progression, share a common functionality in cell cycle G1 control. This gene is frequently mutated or deleted in a wide variety of tumors, and is known to be an important tumor suppressor gene.</p> |
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| 基因ID | 1029 |
| 基因名 | CDKN2A |
| Swiss | Q8N726 |
| 别名 | CDKN2A/p14ARF (YD14390) |

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn