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# Chk2 (YD13528) Rabbit mAb

**货号: AYD12037**

## 产品信息

| | |
|---|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC ICC/IF FC IP |
| 推荐浓度 | |
| 理论分子量 | 61kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Jurkat,Mouse liver,Rat thymus |
| 细胞定位 | Nucleus, PML body, nucleoplasm |
| 纯化 | 亲和纯化 |

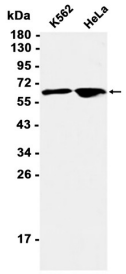
## 抗原信息

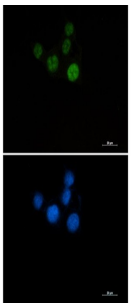
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| 抗原信息 | |

## 靶点信息

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| 研究背景 | In response to DNA damage and replication blocks, cell cycle progression is halted through the control of critical cell cycle regulators. The protein encoded by this gene is a cell cycle checkpoint regulator and put ative tumor suppressor. It contains a forkhead-associated protein interaction domain essential for activati on in response to DNA damage and is rapidly phosphorylated in response to replication blocks and DNA d amage. When activated, the encoded protein is known to inhibit CDC25C phosphatase, preventing entry i nto mitosis, and has been shown to stabilize the tumor suppressor protein p53, leading to cell cycle arres t in G1. In addition, this protein interacts with and phosphorylates BRCA1, allowing BRCA1 to restore survi val after DNA damage. Mutations in this gene have been linked with Li-Fraumeni syndrome, a highly pene trant familial cancer phenotype usually associated with inherited mutations in TP53. Also, mutations in th is gene are thought to confer a predisposition to sarcomas, breast cancer, and brain tumors. This nuclear protein is a member of the CDS1 subfamily of serine/threonine protein kinases. Several transcript variant s encoding different isoforms have been found for this gene. |
| 基因ID | 11200 |
| 基因名 | CHEK2 |
| Swiss | O96017 (https://www.uniprot.org/uniprotkb/O96017/entry) |
| 别名 | Chk2 (YD13528),Chk2 (YD13528) Rabbit mAb,CHEK2,CHK2 checkpoint homolog,Cds1 homolog,Checkpoin t kinase 2,CDS1,CHK2,RAD53 |

## 产品验证



## 实验步骤

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