

# Phospho-CDK1-Y15 Rabbit pAb

货号: **AYP11121**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  | <b>WB:</b> H460,A549 , HeLa , Homo sapiens , Mus musculus , Eriocheir sinensis<br><b>IF:</b> Mus musculus , Homo sapiens<br><b>IP:</b> Homo sapiens |
| 应用    | <a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a> <a href="#">IP</a>  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:50 - 1:100                                     |
| 理论分子量 | 27kDa/34kDa   |
| 实测分子量 | 34kDa   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.  |
| 偶联物   | Unconjugated  |
| 阳性对照  | HT-29,HeLa,NIH/3T3,C6   |
| 细胞定位  | Cytoplasm,Mitochondrion,Nucleus,centrosome,cytoskeleton,microtubule organizing center,spindle   |
| 纯化    | Affinity purification   |

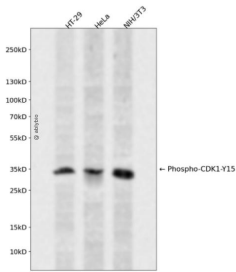
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | A synthetic phosphorylated peptide around Y15 of human CDK1 (NP_001777.1). |
| 序列   | GTYGV  |

## 靶点信息

|       |   |
|-------|---|
| 研究背景  | The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| 基因ID  | 983   |
| 基因名   | CDK1  |
| Swiss | P06493  |
| 别名    | CDK1;CDC2;CDC28A;P34CDC2  |

## 产品验证



Western blot analysis of Phospho-CDK1-Y15 expressed in HT-29, HeLa, NIH/3T3 using Phospho-CDK1-Y15 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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