

**产品名称: Acetyl-Histone H3 (Lys4) Rabbit Polyclonal Antibody**  
**产品货号: APRab00693**



## 产品概述 (Summary)

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| 产品名称 (Production Name) | Acetyl-Histone H3 (Lys4) Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                          |
| 宿主 (Host)              | Rabbit                                              |
| 应用 (Application)       | WB, ICC/IF                                          |
| 种属反应性 (Reactivity)     | Human, Mouse                                        |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Acetylated                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Chromatography                                                                           |

## 免疫原信息 (Immunogen)

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | H3C1                                                                                 |
| 别名 (Alternative Names) | H3K4ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J |
| 基因 ID (Gene ID)        | 8350                                                                                 |
| 蛋白 ID (SwissProt ID)   | P68431.                                                                              |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000, ICC/IF 1:50-1:200         |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 15 kDa; Observed MW: 15 kDa |

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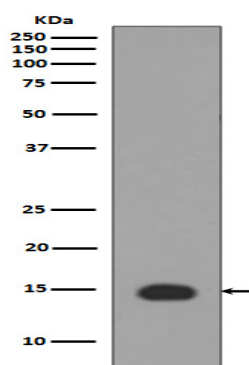
## 研究背景 (Background)

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

## 研究领域 (Research Area)

Epigenetics and Nuclear Signaling

## 图片 (Image Data)



Western blot analysis of Histone H3 (acetyl K4) in HeLa+TSA lysates using Acetyl-Histone H3 (Lys4) antibody.

## 注意事项 (Note)

For research use only .