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# Histone H3 (acetyl K4) Rabbit mAb

## 货号: AYM28529

### 产品信息

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| 反应 | Human,Mouse |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WBICC/IF |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 15kDa |
| 实测分子量 | 15kDa |
| 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 | mouse liver tissue |
| 细胞定位 | Chromosome,Nucleus |
| 纯化 | Affinity purification |

### 抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human Histone H3 (acetyl K4) . |

### 靶点信息

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| 研究背景 | Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack pol |

yA tails; instead, they contain a palindromic termination element. This gene is found in the large histon e gene cluster on chromosome 6p22-p21.3.

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| 基因ID | 8350 |
| 基因名 | H3C1, H3C2, H3C3, H3C4, H3C6, H3C7, H3C8, H3C10, H3C11, H3C12 |
| Swiss | P68431 |
| 别名 | Histone H3 (acetyl K4),Histone H3 (acetyl K4) Rabbit mAb,H3C1,H3C2,H3C3,H3C4,H3C6,H3C7,H3C8,H3C10,H3C11,H3C12,Histone H3/a,Histone H3/b,Histone H3/c,Histone H3/d,Histone H3/f,Histone H3/h,Histone H3/i,Histone H3/j,Histone H3/k,Histone H3/l,H3FA,HIST1H3A,H3FL,HIST1H3B |

## 产品验证

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| **Western blot - Histone H3 (acetyl K4) Rabbit mAb** | Western blot analysis of Histone H3 (acetyl K4) expressed in mouse liver tissue using Histone H3 (acetyl K4) Rabbit mAb 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. |
| **Histone H3 (acetyl K4) Rabbit mAb** | Immunofluorescence analysis of HeLa cells labelling Histone H3 (acetyl K4) with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h. |

## 实验步骤

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