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# Acetyl-Histone H4-K16 Rabbit pAb

**货号: AYP22389**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:500 - 1:1000 |
| 理论分子量 | 11kDa |
| 实测分子量 | 11KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | NIH/3T3 |
| 细胞定位 | extracellular exosome,extracellular region,nucleoplasm,nucleus |
| 纯化 | Affinity purification |

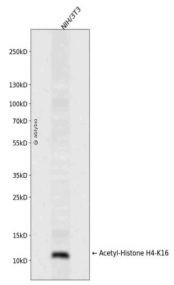
## 抗原信息

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|---|---|
| 抗原信息 | A synthetic acetylated peptide around K16 of human Histone H4 (NP_003539.1). |

## 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy. |
| 基因ID | 8370 |
| 基因名 | H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4C11, H4C12, H4C13, H4C14, H4C15, H4C16 |
| Swiss | P62805 (https://www.uniprot.org/uniprotkb/P62805/entry) |
| 别名 | H4,H4/n,H4C1,H4C2,H4C3,H4C4,H4C5,H4C6,H4C8,H4C9,H4F2,H4FN,FO108,H4-16,H4C11,H4C12,H4C13,H4C15,HIST2H4,HIST2H4A,Acetyl-Histone H4-K16 Rabbit pAb,H4C14,H4C16,H4/A,H4FA,HIST1H4A,H4/I,H4FI,HIST1H4B,H4/G,H4FG,HIST1H4C,H4/B,H4FB,HIST1H4D,H4/J,H4FJ,HIST1H4E,H4/C,H4FC,HIST1H4F,H4/H,H4FH,HIST1H4H,H4/M,H4FM |

## 产品验证




Western blot analysis of Acetyl-Histone H4-K16 expressed in NIH/3T3 using Acetyl-Histone H4-K16 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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