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# MonoMethyl-Histone H3-K36 Rabbit pAb

货号: **AYP10934**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  | <b>WB:</b> HeLa , Hippocampus , Mus musculus , Homo sapiens , Oryza sativa                                       |
| 应用    | WB IP CHIP   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:50 - 1:200<br><b>ChIP:</b> 1:20 - 1:100 |
| 理论分子量 | 15kDa  |
| 实测分子量 | 17KDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.             |
| 偶联物   | Unconjugated   |
| 阳性对照  | HeLa,NIH/3T3,C6  |
| 细胞定位  | Chromosome,Nucleus   |
| 纯化    | Affinity purification  |

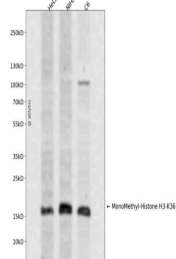
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | A synthetic monomethylated peptide around K36 of human histone H3 (NP_003520.1). |
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## 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. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3. |
| 基因ID  | 8290  |
| 基因名   | HIST3H3   |
| Swiss | Q16695 ( <a href="https://www.uniprot.org/uniprotkb/Q16695/entry">https://www.uniprot.org/uniprotkb/Q16695/entry</a> )  |
| 别名    | H3.4,H3/g,H3FT,H3t,HIST3H3,Histone H3,HIST1H3A,MonoMethyl-Histone H3-K36 Rabbit pAb,Histone H3.4  |

## 产品验证



Western blot analysis of MonoMethyl-Histone H3-K36 expressed in HeLa, NIH/3T3, C6 using MonoMethyl-Histone H3-K36 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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