

DiMethyl-Histone H3-K14 Rabbit pAb

货号: **AYP17099**

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 IP CHIP |
| 推荐浓度 | WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200 IP: 1:50 - 1:200 ChIP: 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. Buffer: PBS with 0.02% sodium azide,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 |

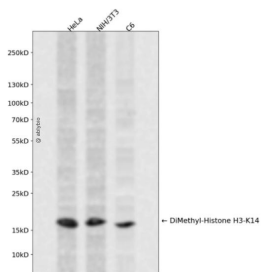
抗原信息

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| 抗原信息 | A synthetic dimethylated peptide around K14 of human Histone H3 (NP_003520.1). |
| 序列 | GGKAP |

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 |
| 别名 | H3.4;H3/g;H3FT;H3t;HIST3H3;Histone H3;HIST1H3A |

产品验证



Western blot analysis of DiMethyl-Histone H3-K14 expressed in HeLa,NIH/3T3,C6 using DiMethyl-Histone H3-K14 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: E CL Enhanced Kit. Exposure time: 120s.

实验步骤

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