

**产品名称: DiMethyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody**  
**产品货号: AMRe87486**



## 产品概述 (Summary)

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| 产品名称 (Production Name) | DiMethyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody                |
| 宿主 (Host)              | Rabbit                                                |
| 应用 (Application)       | WB,IHC,ICC/IF                                         |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                                       |

## 产品性能 (Performance)

|                     |                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                                                                                 |
| 修饰 (Modification)   | Unmodified                                                                                                                                                   |
| 同种型 (Isotype)       | IgG                                                                                                                                                          |
| 克隆 (Clonality)      | Monoclonal                                                                                                                                                   |
| 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)       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| 纯化方式 (Purification) | Affinity Purification                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                      |
|------------------------|------------------------------------------------------|
| 基因名 (Gene Name)        | DiMethyl-Histone H3                                  |
| 别名 (Alternative Names) | H3K4me; H3 histone; HIST1H3A; Histone cluster 1; H3a |
| 基因 ID (Gene ID)        | 8356                                                 |
| 蛋白 ID (SwissProt ID)   | P68431.                                              |

## 产品应用 (Application)

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:2000,ICC/IF 1:200-1:500 |
| 蛋白分子量 (Molecular Weight) | Calculated MW:15 kDa; Observed MW:17 kDa            |

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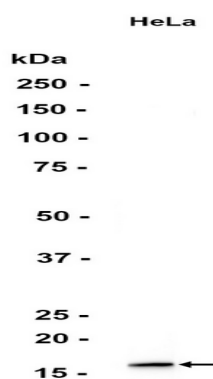


## 研究背景 (Background)

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 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.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of extracts from HeLa cells using AMRe87486 at 1:1000.

## 注意事项 (Note)

For research use only .