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# Histone H2A.X (Phospho Ser139) Rabbit mAb

**货号: AAY1484**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC IF IP ELISA |
| 推荐浓度 | **IHC:** 1:100-1:800<br>**WB:** 1:1000-1:3000<br>**IF:** 1:100-1:800<br>**ELISA:** 1:5000-1:20000<br>**IP:** 1:50-1:200 |
| 理论分子量 | 15kD |
| 实测分子量 | 15kD |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.486. |
| 偶联物 | Unconjugated |
| 阳性对照 | NIH/3T3,293T |
| 细胞定位 | Chromosome,Nucleus |
| 纯化 | 亲和纯化 |

## 抗原信息

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|---|---|
| 抗原信息 | |

## 靶点信息

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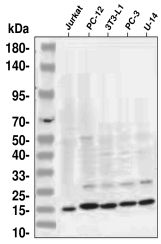
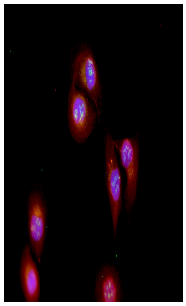
| 研究背景 | Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octa mer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The l inker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chr omatin into higher order structures. This gene encodes a replication-independent histone that is a memb er of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop t ermination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015] |
| 基因ID | 3014 |
| 基因名 | H2AFX |
| Swiss | P16104 (https://www.uniprot.org/uniprotkb/P16104/entry) |
| 别名 | H2AFX;Histone H2A.x;H2AFX;H2AX;Histone H2A.x;H2a/x |

## 产品验证




Western blot analysis of extracts from Jurkat， PC-12 ， 3T3-L1， PC-3， U-14 cells using Histone H2A.X (P hospho Ser139) Rabbit mAb at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Histone H2A.X (Phospho Ser139) Rabbit mAb with . T he cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat seru m/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor 594 (1:200，shown in green) at room temprature for 1h

## 实验步骤

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