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Phospho-Histone H1.3/H1.4 (Thr17) (YD11665) Rabbit mAb

货号: AYD16206

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-P ICC/IF |
| 推荐浓度 | |
| 理论分子量 | 22kDa/22kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | |
| 细胞定位 | Nucleus, Chromosome |
| 纯化 | 亲和纯化 |

抗原信息

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靶点信息

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| 研究背景 | Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber (PubMed:35581345, PubMed:40240600). Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers and promote formation of the H3K27me3 mark by the PRC2/EED-EZH2 complex (PubMed:35581345, PubMed:40240600, PubMed:40516528). Ability to associate with nucleosomes and compact chromatin depends on linker DNA length and trajectory (PubMed:35581345). Also acts as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (PubMed:40240600) Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber (PubMed:37922872). Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers and promote formation of the H3K27me3 mark by the PRC2/EED-EZH2 complex (PubMed:40516528). Together with histone H1-3, histone H1-3 acts as a regulator of splicing, most specifically exon skipping and intron retention events: histone H1-3 has a high affinity for introns and regulates splicing by affecting RNA polymerase II (RNAPII) elongation (PubMed:37922872). Also acts as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity) |
| 基因ID | 3008, 3007 |
| 基因名 | H1-4, H1-3 |
| Swiss | P10412 (https://www.uniprot.org/uniprotkb/P10412/entry), P16402 (https://www.uniprot.org/uniprotkb/P16402/entry) |
| 别名 | Phospho-Histone H1.3/H1.4 (Thr17) (YD11665), Phospho-Histone H1.3/H1.4 (Thr17) (YD11665) Rabbit mAb, H1-4, H1-3, Histone H1b, Histone H1s-4, Histone H1c, Histone H1s-2, H1F4, H1F3 |

产品验证

实验步骤

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