

Histone H3 Rabbit pAb

货号: **AYP25114**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mouse embryonic fibroblasts , Raw264.7 , Rat brain , HNSCs , Arabidopsis thaliana , Homo sapiens , Mus musculus , Oryza sativa , P. xylostella , Zea mays , Rattus norvegicus , Plasmodium falciparum , Shri mp , P. falciparum , Sus scrofa , Drosophila , Glycine max L , Danio rerio , Danio rerio , Gallus gallus , Nic otiana benthamiana , Bombyx mori Linnaeus , Saccharomyces cerevisiae IF: Mouse E16.5 neocortex , Mus musculus , ocu , Homo sapiens IP: Helicoverpa armigera , Homo sapiens ChIP: Arabidopsis thaliana IB: Homo sapiens
应用	WB IHC IP ChIP
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IP: 1:10000 - 1:30000 ChIP: 1:10000 - 1:30000
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 0.05% proclin300,50% 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

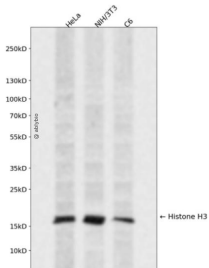
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human HIST 3H3 (NP_003484.1).
序列	REIRRYQKSTELLIRKLPFQRLMREIAQDFKTDLRFQSSAVMALQEACESYLVGLFEDTNLCVIHAKRVTIMPKDIQLARRIG ERA

靶点信息

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 Histone H3 expressed in HeLa,NIH/3T3,C6 using Histone H3 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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