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Acetyl-Histone H3-K27 Rabbit pAb

货号: AYP11012

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Prawn gills , Mus musculus , Homo sapiens , Sus scrofa , Danio rerio , Rattus norvegicus , Monascus ruber **ChIP:** Mus musculus , B. napus , Oryza sativa , Homo sapiens , Rattus norvegicus , Gallus gallus **CHIP:** Arabidopsis thaliana , Homo sapiens **IP:** Rattus norvegicus **IF:** Homo sapiens , Mus musculus **IHC:** Rattus norvegicus **CoIP:** Rattus norvegicus **Co-IP:** Rattus norvegicus
应用	WB IHC IP CHIP
推荐浓度	**WB:** 1:1000 - 1:5000 **IHC:** 1:50 - 1:200 **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℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3,C6
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

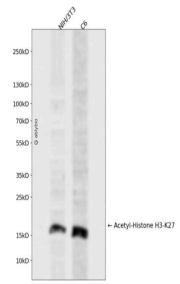
抗原信息

抗原信息	A synthetic acetylated peptide around K27 of human Histone H3 (NP_003520.1).

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	P68431 (https://www.uniprot.org/uniprotkb/P68431/entry)
别名	H3.4,H3/g,H3FT,H3t,HIST3H3,Histone H3,HIST1H3A,Acetyl-Histone H3-K27 Rabbit pAb,Histone H3/a,Histone H3/b,Histone H3/c,Histone H3/d,Histone H3/f,Histone H3/h,Histone H3/i,Histone H3/j,Histone H3/k,Histone H3/l,H3FA,H3FL,HIST1H3B,H3FC HIST1H3C,H3FB,HIST1H3D,H3FD,HIST1H3E,H3FI,HIST1H3F

产品验证



Western blot analysis of Acetyl-Histone H3-K27 expressed in NIH/3T3,C6 using Acetyl-Histone H3-K27 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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