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MonoMethyl-Histone H3-K4 Rabbit pAb

货号: AYP10929

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Prawn gills , Human cells , HeLa , Homo sapiens , Saccharomyces cerevisiae , Mus musculus , Solanum lycopersicum , Musa nana Lour , Oryza sativa , Shrimp **ChIP:** Mus musculus , B. napus , Oryza sativa , Homo sapiens **CHIP:** Arabidopsis thaliana , Homo sapiens
应用	WB IHC IP CHIP
推荐浓度	**WB:** 1:500 - 1:1000 **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 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3,C6,H3
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

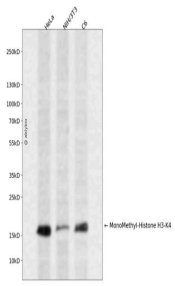
抗原信息

抗原信息	A synthetic monomethylated peptide around K4 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	Q16695 (https://www.uniprot.org/uniprotkb/Q16695/entry)
别名	H3.4,H3/g,H3FT,H3t,HIST3H3,Histone H3,HIST1H3A,MonoMethyl-Histone H3-K4 Rabbit pAb,Histone H3.4

产品验证



Western blot analysis of MonoMethyl-Histone H3-K4 expressed in HeLa,NIH/3T3,C6 using MonoMethyl-Histone H3-K4 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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