— ABLYBIO, Help Your Research

DiMethyl-Histone H3-K9 Rabbit pAb

货号: AYP10930

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** 293FT,PC9 , Human , Mouse , Mus musculus , Homo sapiens , Zea mays , Arabidopsis thaliana , Lithobates sylvaticus **ChIP:** UBQ10 , Mus musculus , Sus scrofa **IF/ICC:** Human,Mouse **CHIP:** Mus musculus,Homo sapiens **IHC:** Arabidopsis thaliana **IF:** Arabidopsis thaliana
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:** 1:50 - 1:200
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
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

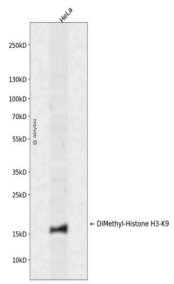
抗原信息

抗原信息	A synthetic dimethylated peptide around K9 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 octa mer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is fu rther compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes t o form higher order chromatin structures. This gene is intronless and encodes a replication-dependent his tone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they c ontain a palindromic termination element. This gene is located separately from the other H3 genes that a re 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,DiMethyl-Histone H3-K9 Rabbit pAb,Histone H3.4

产品验证



Western blot analysis of DiMethyl-Histone H3-K9 expressed in HeLa using DiMethyl-Histone H3-K9 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug pe r lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)