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Histone H4 (mono methyl K16) Rabbit mAb

货号: AYM29380

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200
理论分子量	11kDa
实测分子量	11kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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

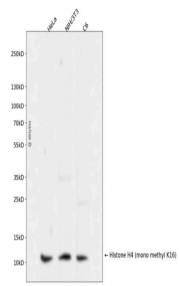
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Histone H4 (mono methyl K16).

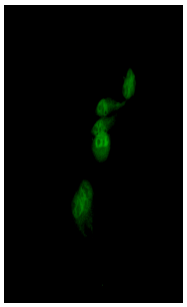
靶点信息

研究背景	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octa mer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The l inker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chr omatin into higher order structures. This gene is intronless and encodes a replication-dependent histone t hat is a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.
基因ID	8359
基因名	H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4C11, H4C12, H4C13, H4C14, H4C15, H4C16
Swiss	P62805 (https://www.uniprot.org/uniprotkb/P62805/entry)
别名	Histone H4 (mono methyl K16),Histone H4 (mono methyl K16) Rabbit mAb,H4C1,H4C2,H4C3,H4C4,H4C5, H4C6,H4C8,H4C9,H4C11,H4C12,H4C13,H4C14,H4C15,H4C16,H4/A,H4FA,HIST1H4A,H4/I,H4FI,HIST1H4B,H 4/G,H4FG,HIST1H4C,H4/B,H4FB,HIST1H4D,H4/J,H4FJ,HIST1H4E,H4/C,H4FC,HIST1H4F,H4/H,H4FH,HIST1H4 H,H4/M

产品验证



Western blot analysis of Histone H4 (mono methyl K16) expressed in HeLa,NIH/3T3,C6 using Histone H4 (mono methyl K16) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:500 0. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells labelling Histone H4 (mono methyl K16) with . The cells were f ixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，sh own in green) at room temprature for 1h.

实验步骤

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