— ABLYBIO, Help Your Research

Asymmetric DiMethyl-Histone H4-R3 Rabbit pAb

货号: AYP10950

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Human **ChIP:** Homo sapiens
应用	WB IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **IP:** 1:50 - 1:100
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 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,C2C12,C6
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

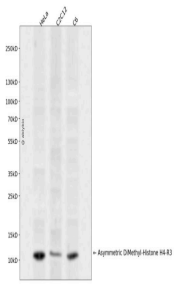
抗原信息

抗原信息	A synthetic asymmetric dimethylated peptide around R3 of human histone H4 (NP_003539.1).

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. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.
基因ID	8370
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	FO108,H4,H4/n,H4F2,H4FN,HIST2H4,Histone H4,HIST1H4A,HIST2H4A,Asymmetric DiMethyl-Histone H4-R3 Rabbit pAb,H4C1,H4C2,H4C3,H4C4,H4C5,H4C6,H4C8,H4C9,H4C11,H4C12,H4C13,H4C14,H4C15,H4C16,H4/A,H4FA,H4/I,H4FI,HIST1H4B,H4/G,H4FG,HIST1H4C,H4/B,H4FB,HIST1H4D,H4/J,H4FJ,HIST1H4E,H4/C,H4FC,HIST1H4F,H4/H,H4FH,HIST1H4H

产品验证



Western blot analysis of Asymmetric DiMethyl-Histone H4-R3 expressed in HeLa,C2C12,C6 using Asymmetric DiMethyl-Histone H4-R3 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

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