

Acetyl-Histone H4 (Lys12) Recombinant antibody

Cat:B36123S

Company: HaoKebio

Uniprot ID:P62805

Applications: IHC:1:1000-1:4000

Organism:Rabbit

IHC-Polymer:1:4000-1:16000

Species reactivity:Human Mouse Rat

IHC-TSA:1:5000-1:20000

Molecular Weight Calculation: 11 kDa

IF:1:50-1:200

Observed Molecular Weight: 12 kDa

WB:1:5000-1:50000

DOT BLOT:1:10-1:100

CHIP-QPCR:1:10-1:100

Background:

Histone H4 is a 103 amino acid protein, which belongs to the histone H4 family. Histone H4 localizes in the nucleus and is a core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Acetylation of histone H4 is necessary for chromatin decompaction during DNA replication.

PBS with 0.02% sodium azide,100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Mouse brain, 4% PFA 12-24h

Source of Reagents:

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由杭州浩克生物技术有限公司提供;

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) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

Ac Histone H4, Ac Histone H4 (Lys12), Ac Histone H4 Lys12, Ac Histone H4-Lys12, Acetyl Histone

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer: