

Histone H3 Recombinant antibody

Cat:B31007T

Company: HaoKebio

Uniprot ID:Q71DI3

Applications: IHC:1:100-1:500

Organism:Rabbit

IHC-Polymer:1:500-1:2000

Species reactivity:Human Mouse Rat

IHC-TSA:1:600-1:2500

Molecular Weight Calculation: 15 kDa

WB:1:2500-1:25000

Observed Molecular Weight: 15-17 kDa

Background:

Histone-H3, histone cluster 2, H3a is the core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machinery which requires 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. Histone-H3 is expressed during S phase; then expression strongly decreases as cell division slows down during the process of differentiation.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0) , 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:


Dilution of 1:25000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:Histone H3(B31007T)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Histone H3(B31007T) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Protein full name:

histone cluster 2, H3a

Synonyms:

HIST2H3A, 241079B2, H3C13, H3C14, H3C15

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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