

Histone H3 Recombinant antibody

Cat: B31007T

Company: HaoKebio

Uniprot ID: Q71DI3

Applications: IHC:1:250-1:1000

Organism: Rabbit

IHC-Polymer:1:1000-1:4000

Species reactivity: Human Mouse Rat

IHC-TSA:1:1250-1:5000

Molecular Weight Calculation: 15 kDa

IF:1:50

Observed Molecular Weight: 15-17 kDa

WB:1:5000-1:50000

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.

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.

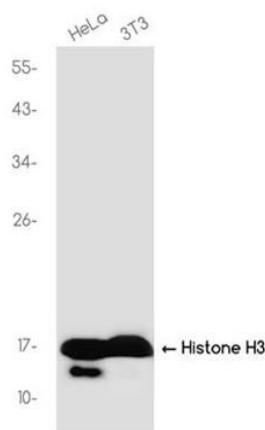
Storage:

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 1:50000 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.