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Histone H3 Rabbit pAb

Catalog No.: A15741

Basic Information

Observed MW
17kDa

Calculated MW
15kDa

Category
Primary antibody

Applications
WB,IF/ICC

Cross-Reactivity
Human, Mouse, Rat, Monkey

Background

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 octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID
8351

Swiss Prot
P68431

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-136 of human HIST1H3D (NP_003520.1).

Synonyms
H3/b; H3C1; H3C2; H3C3; H3C6; H3C7; H3C8; H3FB; H3C10; H3C11; H3C12; HIST1H3D; Histone H3

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.