

A17023

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# Histone H3 Rabbit pAb

Catalog No.: A17023

## Basic Information

### Observed MW

15kDa

### Calculated MW

15kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Human,Mouse,Rat

## 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

## Immunogen Information

### Gene ID

8351

### Swiss Prot

P68431

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

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

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.