

AC016

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Histone H3 Rabbit pAb

Catalog No.: AC016

Basic Information

Observed MW

Refer to figures

Calculated MW

16kDa

Category

Polyclonal Antibody

Applications

WB,ChIP

Cross-Reactivity

Human,Mouse,Rat,Other (Wide Range Predicted)

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin 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; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Recommended Dilutions

WB	1:500 - 1:2000
ChIP	1:20 - 1:100

Immunogen Information

Gene ID	Swiss Prot
8290	Q16695

Immunogen

A synthetic peptide of human HIST3H3

Synonyms

H3t; H3.4; H3/g; H3FT; H3C16; HIST3H3; Histone H3

Contact



www.abclonal.com

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.