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Histone H3 Polyclonal Antibody

Cat #: G-AB-05462

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 found in the large histone gene cluster on chromosome 6p22-p21.3.

Gene ID:

Accession #:

Immunogen: Recombinant protein corresponding to Mouse Histone H3

Conjugation: Unconjugated

Swissprot: P68431,P68433,Q6LED0

Calculated Molecular Weight: 15 kDa

Observed Molecular Weight: 15-17 kDa

Concentration: 1.1 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:300-1:1000

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