

Histone H3 (Di Methyl Lys36) rabbit pAb

Cat No.:ES20553

For research use only

Overview

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|------------------------------|--|
| Product Name | Histone H3 (Di Methyl Lys36) rabbit pAb |
| Host species | Rabbit |
| Applications | WB |
| Species | Human;Mouse;Rat |
| Cross-Reactivity | |
| Recommended dilution | WB: 1:500-1000 |
| Immunogen | Synthetic Peptide of Histone H3 (Di Methyl Lys36) |
| Specificity | The antibody detects endogenous Histone H3 (Di Methyl Lys36) protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Histone H3.1/Histone H3.2/Histone H3.3 |
| Gene Name | HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3F3B |
| Cellular localization | Nucleus. Chromosome. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |





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Concentration

Observed 15-17kD

band

Human Gene ID 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968

Human Swiss-Prot Number

P68431/Q71DI3/P84243

Alternative Names

H3K36ME2; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; H

Background

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. [provided by RefSeq, Aug 2015],

Western blot analysis of 1) HeLa, 2) 3T3, 3) Rat Liver Tissue, diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

