
Histone H3A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250690

Unit: 0.1 mg

Description:

Histones are the core components of the nucleosomes that wrap and compact DNA into chromatin. DNA compacting limits accessibility to the cellular machineries which require DNA as template. Histones play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. The accessibility of DNA is regulated by post-translational modifications of histones such as acetylation, methylation and phosphorylation. The nucleosome is a histone octamer containing two molecules each of histone proteins H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and two H2A-H2B heterodimers.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: Ds, X, H, R, Rb, P, Pl, Zf, Ck, B, M, Hm, Other

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Histone H3.1; H3/a; HIST1H3A; H3FA

Accession No.: P68431

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human H3A.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

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

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.