

Histone H3 (acetyl K9) Antibody

Rabbit mAb Catalog # AP93232

Product Information

Application WB, IHC, IF, ICC, IHF

Primary Accession P68431

Reactivity Human, Mouse **Clonality** Monoclonal

Other Names H3 histone family, member A; H3/A; H31; H3FA; H3FB; H3FC; H3FD; H3FF;

H3FH; H3FI; H3FJ; H3FK; H3FL; HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D;

HIST1H3E;

IsotypeRabbit IgGHostRabbitCalculated MW15404

Additional Information

Dilution WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human Histone H3 (acetyl K9)

Description Core component of nucleosome. Nucleosomes wrap and compact DNA into

chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications

of histones, also called histone code, and nucleosome remodeling.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name H3C1 (<u>HGNC:4766</u>)

Synonyms H3FA, HIST1H3A

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Cellular Location Nucleus. Chromosome.

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