

Histone H3 (mono methyl K18) Antibody

Rabbit mAb Catalog # AP90487

Product Information

Application WB, IHC, IF, ICC, IHF

Primary Accession P68431

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names H3 histone; HIST1H3A; Histone cluster 1, H3a; H3K18me1;

IsotypeRabbit IgGHostRabbitCalculated MW15404

Additional Information

Dilution WB 1:500~1:2000 IHC 1:500~1:2000 ICC/IF 1:100~1:500

Purification Affinity-chromatography

ImmunogenA synthesized peptide derived from human Histone H3 (mono methyl K18) **Description**H3 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. The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and

two H2A-H2B heterodimers.

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 (HGNC:4766)

Synonyms H3FA, HIST1H3A

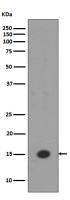
Function Core component of nucleosome. Nucleosomes wrap and compact DNA into

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

Cellular Location Nucleus. Chromosome.

Images



Western blot analysis of Histone H3 (mono methyl K18) expression in HeLa cell lysate.

Image not found: 202311/AP90487-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human liver, using Histone H3 (mono methyl K18) Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.