

Histone H3 (mono methyl K79) Antibody

Rabbit mAb

Catalog # AP93196

Specification

Histone H3 (mono methyl K79) Antibody - Product Information

Application WB, IHC, ICC, CHIP

Primary Accession P68431
Reactivity Rat

Clonality Monoclonal

Other Names

Histone H3.1, Histone H3, HIST1H3A;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 15404 Da

Histone H3 (mono methyl K79) Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

ICC~~N/A CHIP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Histone H3 (mono methyl K79)

Description Belongs to the histone H3 family. 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.

Histone H3 (mono methyl K79) Antibody - Protein Information

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

Synonyms H3FA, HIST1H3A

Function

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.

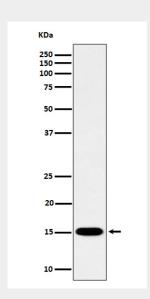
Cellular LocationNucleus. Chromosome.

Histone H3 (mono methyl K79) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Histone H3 (mono methyl K79) Antibody - Images



Western blot analysis of Histone H3 (mono methyl K79) expression in HeLa cell lysate.