

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody Catalog # AB014322

Specification

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody - Product Information

Application Primary Accession Host Isotype Reactivity Clonality Format **Description** Anti-Histone H3 (mono methyl R128) HIST1H WB <u>P68431</u> Rabbit Rabbit IgG Human, Mouse Monoclonal Liquid

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody - Additional Information

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

Other Names Histone H3.1, Histone H3/a, Histone H3/b, Histone H3/c, Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/i, Histone H3/j, Histone H3/k, Histone H3/l, H3C1 (HGNC:4766), H3FA, HIST1H3A

Calculated MW 15404 MW KDa

Application Details WB 1:500-1:2000

Subcellular Localization Nucleus. Chromosome.

Contents Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human Histone H3 (mono methyl R128)

Purification Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for



up to one month. Avoid repeated freeze-thaw cycles.

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal 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.

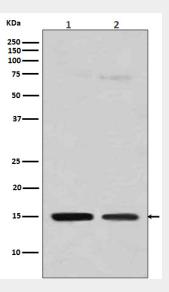
Cellular Location Nucleus. Chromosome.

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody - Protocols

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

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

Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody - Images



Western blot analysis of Histone H3 (mono methyl R128) expression in (1) HeLa cell lysate; (2)



NIH/3T3 cell lysate.