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

Catalog # ABO14322

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P68431 |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Reactivity** | Human, Mouse |
| **Clonality** | Monoclonal |
| **Format** | Liquid |
| **Description** | Anti-Histone H3 (mono methyl R128) HIST1H3A Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse. |

## Additional Information

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|---|---|
| **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 |
| **Application Details** | WB 1:500-1:2000 |
| **Subcellular Localization** | Nucleus. Chromosome. |
| **Source** | Eukaryota |
| **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. |
| **Clone Names** | Clone: DEC-8 |
| **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. |

## Protein Information

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| **Name** | H3C1 ( HGNC:4766) |

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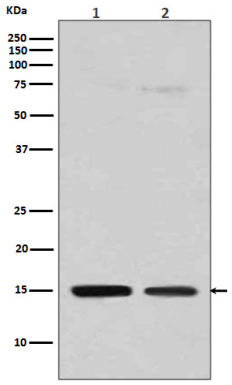
| **Synonyms** | H3FA, HIST1H3A |
| **Function** | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication 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. |

## Images




Western blot analysis of Histone H3 (mono methyl R128) expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.

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