# Anti-Acetyl-Histone H3 (Lys14) Rabbit Monoclonal Antibody

## Introduction

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.

## Product parameters

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|---|---|
| Alternative Names | H3K14ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J |
| Gene ID | 8350 |
| Gene Name | H3C1 |
| SwissProt ID | P68431 |
| Host | Rabbit |
| Reactivity | Human, Rat |
| Molecular Weight | Calculated MW: 15 kDa; Observed MW: 15 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Acetylated |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-2E8F1 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Not Free |
| Immunogen | A synthesized peptide derived from human Histone H3 (acetyl K14) |
| Purification | Affinity Purified |
| Buffer System | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. |
| Application | WB, ICC/IF, IP |
| Dilution Ratio | WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 |
| Research Field | Epigenetics and Nuclear Signaling |
| Product Categories | Primary antibody |
| Shipping | Blue ice |

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| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.

APExBIO Technology
www.apexbt.com
7505 Fannin street, Suite 410, Houston, TX 77054.
Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com