

Histone H3(Acetyl-Lys14) Rabbit Polyclonal Antibody

Catalog No: #ABHW074

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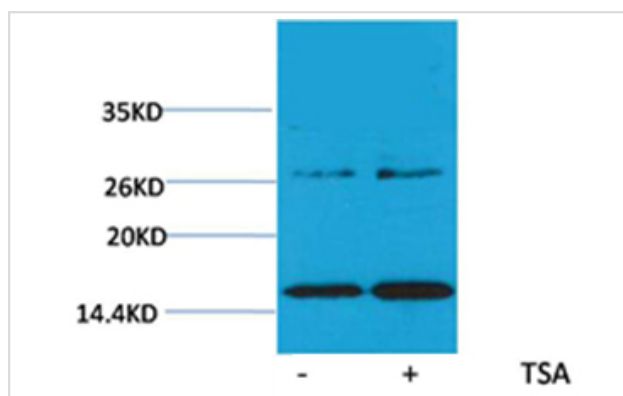
Description

| | |
|-----------------------|---|
| Product Name | Histone H3(Acetyl-Lys14) Rabbit Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity purification using immunogen. |
| Applications | WB |
| Species Reactivity | Hu Rt Ms |
| Specificity | The Histone H3(Acetyl Lys14) Rabbit Polyclonal Antibody detects endogenous Histone H3 (Acetyl Lys14) protein. |
| Immunogen Type | peptide |
| Immunogen Description | A synthetic acetylated peptide corresponding to residues surrounding Lys14 of human histone H3. |
| Target Name | Histone H3(Acetyl-Lys14) |
| Modification | Acetyl-Lys14 |
| Other Names | H3 histone antibody; HIST1H3A antibody; Histone cluster 1; H3a antibody |
| Accession No. | Swiss-Prot#:P68431 |
| SDS-PAGE MW | 17kd |
| Concentration | 1.0mg/ml |
| Formulation | PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa cells, untreated (-) or treated with TSA (1 μ M, 18 hr; +), using #ABHW074 diluted at 1:1,000.

Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.