

## Acetyl-Histone H3 (Lys14) Rabbit mAb

Catalog No: #52894

Package Size: #52894-1 50ul #52894-2 100ul

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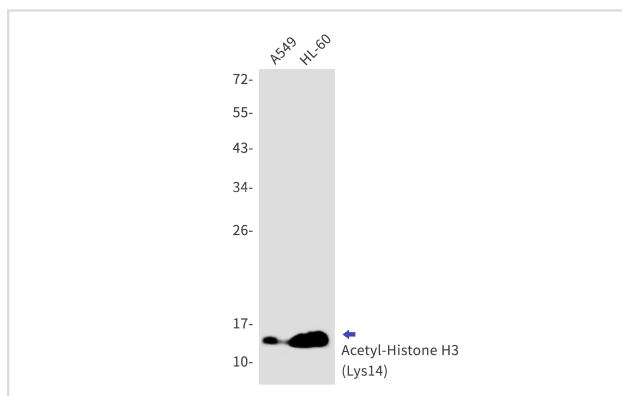
## Description

Product Name	Acetyl-Histone H3 (Lys14) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-2F5
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Rat
Immunogen Description	A synthesized peptide derived from human Histone H3 (acetyl K14)
Conjugates	Unconjugated
Modification	Acetylated
Other Names	H3 histone family, member A; H3/A; H31; H3FA; H3FB; H3FC;; H3FD; H3FF; H3FH; H3FI; H3FJ; H3FK; H3FL; HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; histone 1, H3a; histone cluster 1, H3a; Histone H3.1;
Accession No.	Swiss-Prot:P68431GeneID:
Uniprot	P68431
Calculated MW	15kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/500-1/2000

## Images



Western blot detection of Acetyl-Histone H3 (Lys14) in A549,HL-60 cell lysates using Acetyl-Histone H3 (Lys14) Rabbit mAb(1:1000 diluted).Observed band size:15kDa.

## Background

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Swiss-Prot Acc.P68431.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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and two H2A-H2B heterodimers.

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Note: This product is for in vitro research use only