

**Product Name: Acetyl-Histone H3 (Lys9) Rabbit
Polyclonal Antibody
Catalog #: APRab00847**

Summary

Production Name	Acetyl-Histone H3 (Lys9) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	H3C1
Alternative Names	H3K9ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Gene ID	8350
SwissProt ID	P68431

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15-17 kDa

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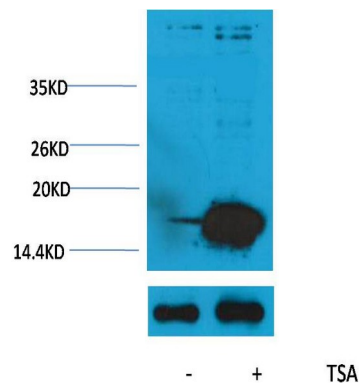
Background

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.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Acetyl-Histone H3 (Lys9) in HeLa lysates untreated or treated with TSA lysates using Acetyl-Histone H3 (Lys9) antibody(upper) and Histone H3 (1G1) antibody(lower) TDY055.

Note

For research use only.