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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

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
Immunogen	A synthetic Acetylated peptide corresponding to residues target protein

Background

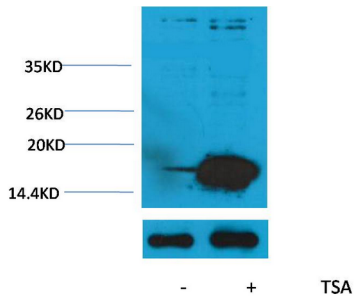
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

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.