

## Histone H2A (Acetyl Lys9) Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP03997
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Histone H2A (Acetyl Lys9)
Mol wt	14091/14095/14121
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone H2A (Acetyl Lys9) Antibody
Synonyms	HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p; HIST2H2AA3; H2AFO; HIST2H2AA; HIST2H2AA4; Histone H2A type 2-A; Hist

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

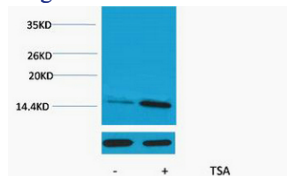
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. HIST1H2AI is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from HIST1H2AI lack polyA tails but instead contain a palindromic termination element. HIST1H2AI is found in the small histone gene cluster on chromosome 6p22-p21.3.

### Recommended Dilution

WB: 1: 1000 - 2000

Not yet tested in other applications.

### Images



Western blot analysis of extracts from HeLa cells, untreated (-) or treated, 1:5000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year

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