

# Histone H2A.1 Rabbit Polyclonal Antibody



CAB9895

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

14kDa

### Calculated MW:

14kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat, Other  
(Wide Range)

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.

## Immunogen information

### Gene ID:

8329

### Uniprot

P0C0S8

### Synonyms:

HIST1H2AI; H2A/c; H2AFC

### Immunogen:

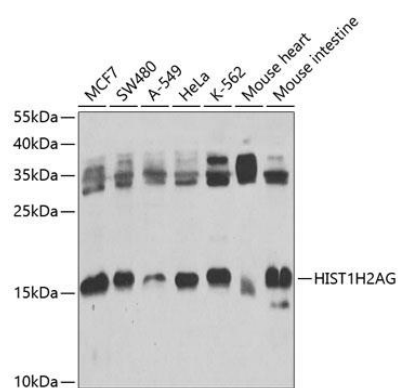
Recombinant fusion protein containing a sequence corresponding to amino acids 1-129 of human Histone H2A.1 (NP\_064707.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot - Histone H2A.1 Rabbit pAb (CAB9895)