

Datasheet for ABIN7263243  
**anti-Histone H4 antibody (acLys8)**

## 6 Images

[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	Histone H4
Binding Specificity:	acLys8
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthetic peptide of human Acetyl-Histone H4-K8
Isotype:	IgG
Characteristics:	Acetylated antibody
Purification:	Affinity purification

## Target Details

Target:	Histone H4
Abstract:	<a href="#">Histone H4 Products</a>
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA

## Target Details

wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated, this record represents the centromeric copy.

Molecular Weight:	Observed_MW: 11 kDa Calculated_MW: 11 kDa
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Gene ID:	8370
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UniProt:	<a href="#">P62805</a>
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## Application Details

Application Notes:	WB 1:1000-1:3000 IHC 1:200-1:500 IF 1:500-1:1000
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 mg/mL
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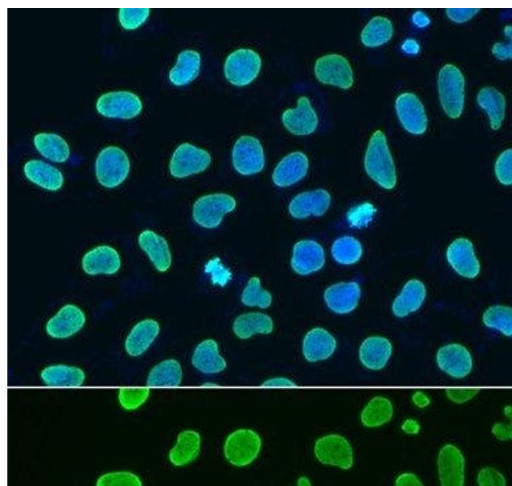
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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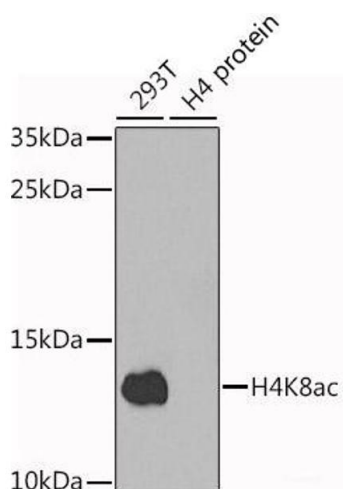
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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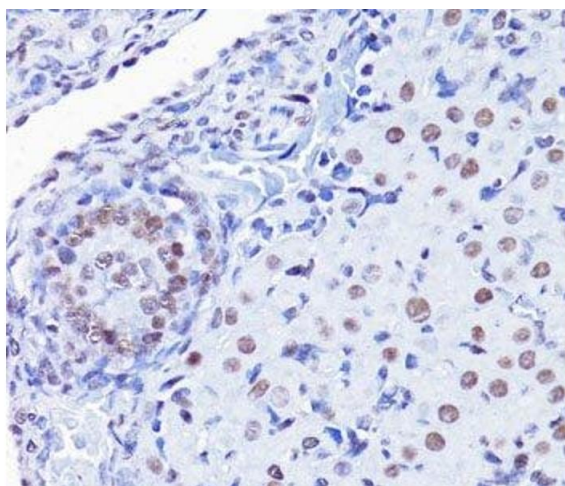
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using Acetyl-Histone H4-K8 Polyclonal Antibody



#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using Acetyl-Histone H4-K8 Polyclonal Antibody at dilution of 1:1000.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Rat ovary using Acetyl-Histone H4-K8 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7263243.