

Datasheet for ABIN6971743  
**anti-Histone H1 antibody**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	Histone H1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Histone H1 antibody was raised against purified calf thymus Histone H1.
Isotype:	IgG
Characteristics:	<p>The nucleosome is the smallest subunit of chromatin and consists of 147 base pairs of DNA wrapped around an octamer of core histone proteins (two each of Histone H2A, Histone H2B, Histone H3 and Histone H4). Histone H1 is a linker histone, present at the interface between the nucleosome core and DNA entry/exit points, it is responsible for establishing higher-order chromatin structure. Chromatin is subject to a variety of chemical modifications, including post-translational modifications of the histone proteins and the methylation of cytosine residues in the DNA. Reported histone modifications include acetylation, methylation, phosphorylation, ubiquitylation, glycosylation, ADP-ribosylation, carbonylation and SUMOylation, they play a major role in regulating gene expression. Histone H1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples, but it is predicted that it will react with a wide range of sample types.</p>
Purification:	Protein A Chromatography

## Target Details

Target:	Histone H1
Abstract:	<a href="#">Histone H1 Products</a>
Molecular Weight:	31 kDa
NCBI Accession:	<a href="#">XP_010816821</a>

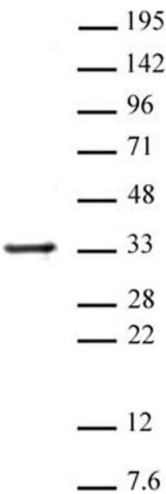
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

## Images



### Western Blotting

**Image 1.** Histone H1 antibody (pAb) tested by Western blot. Detection of Histone H1 by Western blot. The analysis was performed using HeLa nuclear extract (20 µg) and Histone H1 pAb at 1 µg/mL.