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Datasheet for ABIN7267715  
**anti-Histone H1 antibody**

2 Images

Overview

Quantity:	100 µL
Target:	Histone H1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Histone H1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purpose:	Histone H1.0 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Histone H1.0
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Histone H1
Abstract:	<a href="#">Histone H1 Products</a>
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the

## Target Details

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chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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-independent histone that is a member of the histone H1 family. [provided by RefSeq, Oct 2015],H10, H1FV,Epigenetics & Nuclear Signaling,Histones,RNA Binding,Histone H1

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Molecular Weight: 28kDa

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Gene ID: 3005

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UniProt: [P07305](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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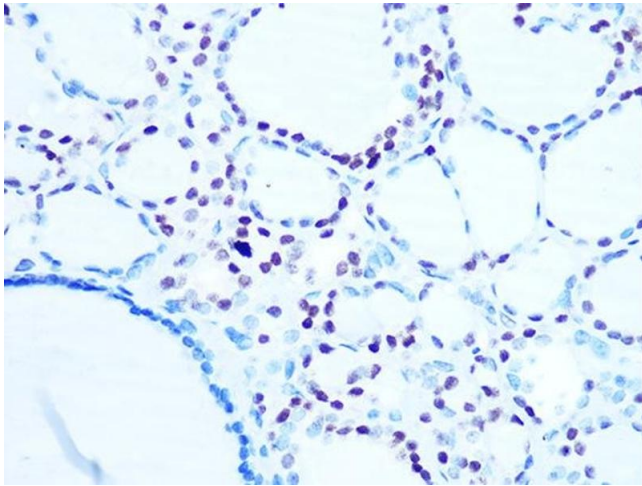
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

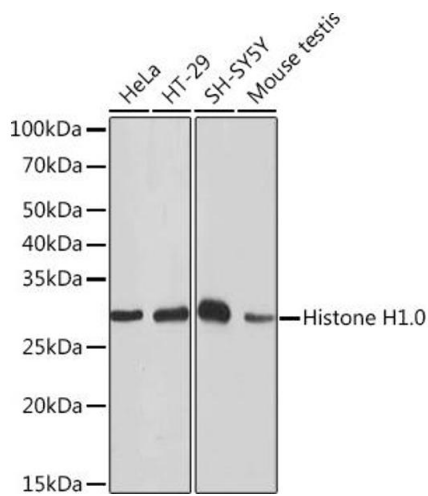
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human thyroid cancer using Histone H1.0 Rabbit mAb (ABIN7267715) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using Histone H1.0 Rabbit mAb (ABIN7267715) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.