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Datasheet for ABIN6971745

## anti-Histone H1 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Histone H1 (H1F0)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This antibody was raised against a peptide within the N-terminal region of human Histone H1.0.
Isotype:	IgG
Characteristics:	<p>Histone H1 is a linker histone, present at the interface between the nucleosome core and DNA entry/exit points. Histone H1 is responsible for establishing higher-order chromatin structure. Histone H1.0 is a unique variant considered a replacement linker histone which is expressed and incorporated into chromatin in the absence of DNA replication. Histone H1.0 is more highly expressed in cells that are growth inhibited or terminally differentiated. Histone H1.0 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 and Mouse samples.</p>
Purification:	Affinity Purified

## Target Details

Target:	Histone H1 (H1F0)
Alternative Name:	Histone H1.0 ( <a href="#">H1F0 Products</a> )
Molecular Weight:	30 kDa
NCBI Accession:	<a href="#">NP_005309</a>

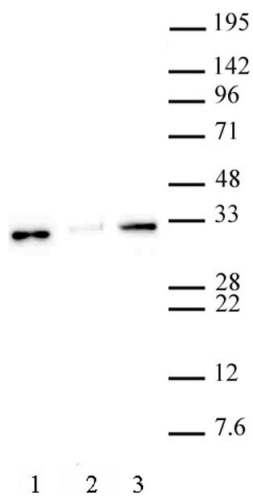
## Application Details

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 H1.0 (pAb) tested by Western blot. Nuclear Extract of 3T3-L1 cells (20 µg) following stimulation with a defined hormonal mixture (DMSO, dexamethasone, insulin, and IBMX) were probed with Histone H1.0 (pAb) at a dilution of 1:500. Lane 1: Recombinant human Histone H1.0 (100 ng). Lane 2: Day 0 - preadipocytes. Lane 3: Day 12 - fully differentiated adipocytes.