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Datasheet for ABIN5773868  
**anti-HIST1H4A antibody (acLys8)**

5 Images

### Overview

Quantity:	50 µg
Target:	HIST1H4A
Binding Specificity:	acLys8
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H4A antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Dot Blot (DB)

### Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of Histone H4 (K8ac).
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to Histone H4, acetylated at lysine 20.
Cross-Reactivity:	Human, Mouse

### Target Details

Target:	HIST1H4A
Alternative Name:	HIST1H4A ( <a href="#">HIST1H4A Products</a> )
Background:	Full Gene Name: histone cluster 1, H4a Synonyms: H4/a,H4FA

## Target Details

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Gene ID: 8359

## Application Details

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Application Notes: ELISA (1:100)  
Western Blot (1:200)  
ChIP (1 µg/CHIP)  
Dot Blot (1:20000)  
Immunofluorescence (1:500)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In PBS (0.05 % sodium azide, 0.05 % proclin 300).

Preservative: ProClin, Sodium azide

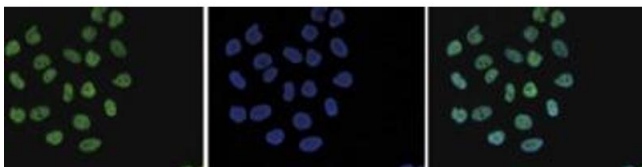
Precaution of Use: This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C. For long term storage store at -80°C.  
Aliquot to avoid repeated freezing and thawing.

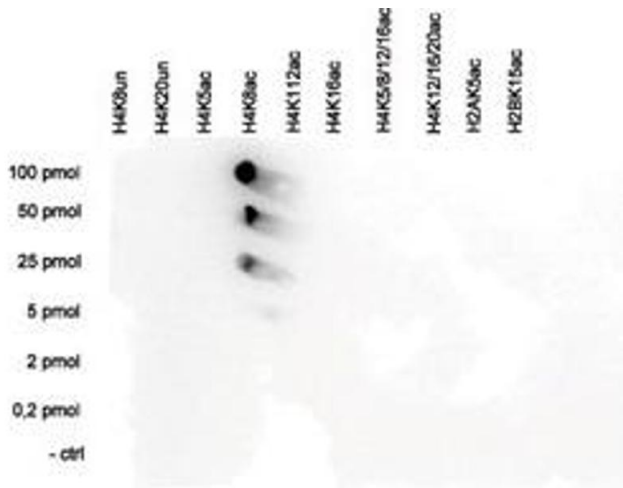
## Images

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### Immunofluorescence

**Image 1.** Immunofluorescent staining of mouse NIH3T3 cell line with antibody followed by an anti-rabbit antibody conjugated to Alexa488 (left). The middle panel shows staining of the nuclei with DAPI. A merge of the two stainings (right).



**Image 2.** Cross reactivity test using the Histone H4 (K8ac) antibody. Dot Blot analysis was performed with peptides containing other histone modifications and the unmodified H4K8. One hundred to 0.2 pmol of the respective peptides were spotted on a membrane. The antibody was used at a dilution of 1:20000. The figure shows a high specificity of the antibody for the modification of interest.



### Western Blotting

**Image 3.** Western Blot (Cell lysate) analysis of 15 ug histone extracts of HeLa cells.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5773868.