

## Histone H3K9K14ac (Acetyl Lys9/Lys14) antibody - CHIP grade

**Cat. No. GTX60822**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, Dot, ELISA, ChIP assay, Protein Array
<b>Reactivity</b>	Human, Mouse, Zebrafish, Arabidopsis thaliana, Nematode, Aspergillus nidulans

Package  
50 µg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:500
Dot	1:20,000
ELISA	1:100
ChIP assay	1-5 µg
Protein Array	Assay dependent

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	0.05% Sodium azide, 0.05% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.39 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The region of histone H3 containing the acetylated lysines 9 and 14 (H3K9/14ac), using a KLH-conjugated synthetic peptide.
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated



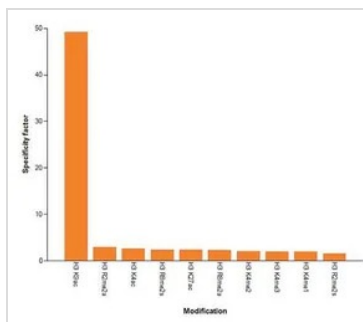
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**Note**

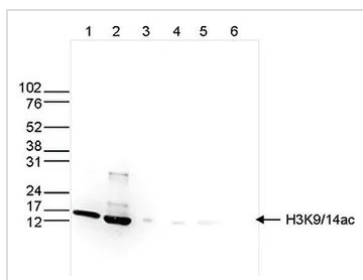
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DATA IMAGES



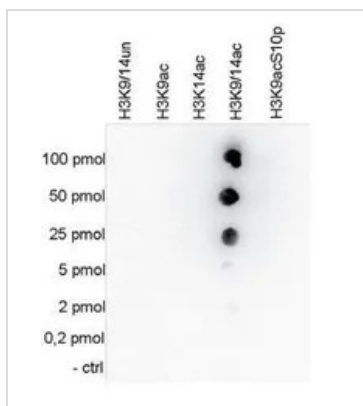
**GTX60822 Protein Array Image**

Protein Array analysis of an array containing 384 peptides with different combinations of modifications from histone H3, H4, H2A and H2B using GTX60822 Histone H3K9K14ac (Acetyl Lys9/Lys14) antibody - ChIP grade. This figure shows the specificity factor, calculated as the ratio of the average intensity of all spots containing the mark, divided by the average intensity of all spots not containing the mark.  
Dilution : 1:2,000



**GTX60822 WB Image**

WB analysis of whole cell (25 µg, lane 1) and histone extracts (15 µg, lane 2) from HeLa cells, and on 1 µg of recombinant histone H2A, H2B, H3 and H4 (lane 3, 4, 5 and 6, respectively) using GTX60822 Histone H3K9K14ac (Acetyl Lys9/Lys14) antibody - ChIP grade.  
Dilution : 1:500



**GTX60822 Dot Image**

Dot blot analysis of 0.2 - 100 pmol of the peptides containing other histone modifications and the unmodified H3K9 using GTX60822 Histone H3K9K14ac (Acetyl Lys9/Lys14) antibody - ChIP grade.  
Dilution : 1:20,000



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