Histone H3K9K14ac (Acetyl Lys9/Lys14) antibody - ChIP grade

Cat. No. GTX60822

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, Dot, ELISA, ChIP assay, Protein Array
Reactivity	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

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

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

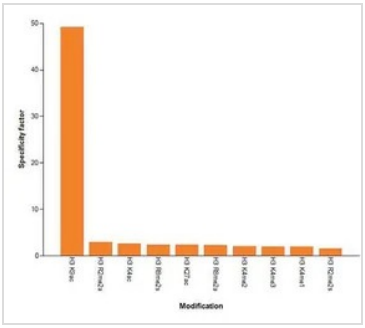
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

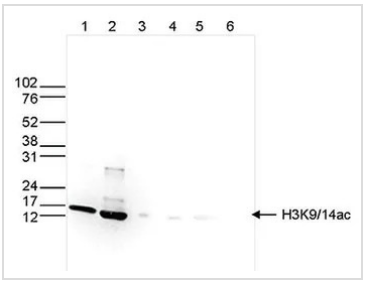
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



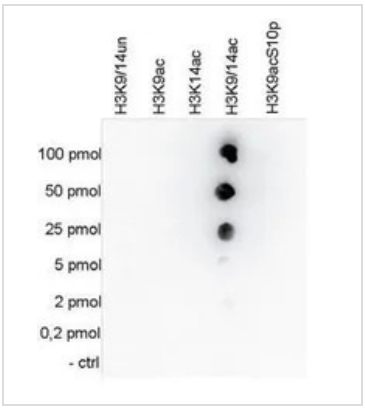
GTX60822 Protein Array Image

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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