

# Histone H3K9ac (Acetyl Lys9) antibody

**Cat. No. GTX12178**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat, Drosophila, Bovine, Chicken, Caenorhabditis elegans, Frog

References ( 2 )

Package

50 µl

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:1,000
IHC-P	Assay dependent

**Note : 20-40 µg using RIPA extracts (0.45 mg) of rat PC12 cells**

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	15mM Sodium azide
<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>	2-2.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	synthetic acetylated [Ac-Lys9] histone H3 peptide (amino acids 7-20) corresponding to the N-terminus of human histone H3. The sequence is identical in many species including mouse, rat, bovine, chicken, frog, Drosophila, and C. elegans, and is highly conserved (single amino acid substitution) in Tetrahymena histone H3.
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated



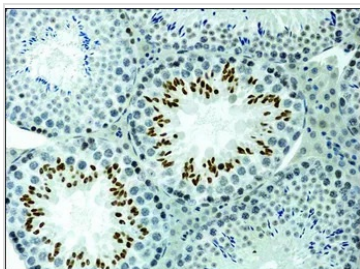
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## Note

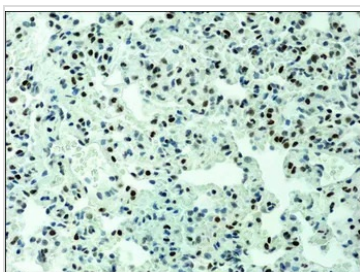
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## DATA IMAGES



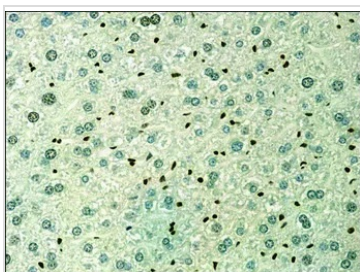
### GTX12178 IHC-P Image

IHC-P analysis of mouse testis tissue using GTX12178 Histone H3K9ac (acetyl Lys9) antibody at 0.1 µg/mL.



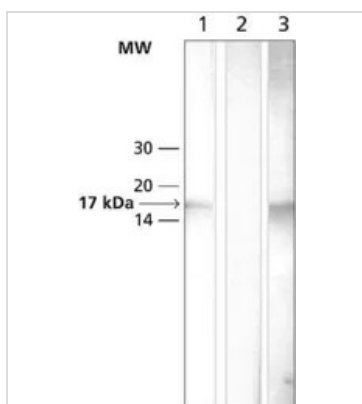
### GTX12178 IHC-P Image

IHC-P analysis of rat lung tissue using GTX12178 Histone H3K9ac (acetyl Lys9) antibody at 0.1 µg/mL.



### GTX12178 IHC-P Image

IHC-P analysis of mouse liver tissue using GTX12178 Histone H3K9ac (acetyl Lys9) antibody at 0.1 µg/mL.



### GTX12178 WB Image

WB analysis of NIH3T3 cells using GTX12178 Histone H3K9ac (acetyl Lys9) antibody.

Lane 1 : Anti Histone H3K9ac (acetyl Lys9) antibody

Lane 2 : Anti Histone H3K9ac (acetyl Lys9) + histone H3 (acetylated Lys9) peptide

Lane 3 : Anti Histone H3K9ac (acetyl Lys9) + histone H3 peptide(non-acetylated)



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