

For Research Use Only

# Acetyl-Histone H3 (Lys4) Recombinant antibody

Catalog Number: 84831-1-RR



## Basic Information

Catalog Number:

84831-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC066245

GeneID (NCBI):

8350

UNIPROT ID:

P68431

Full Name:

histone cluster 1, H3a

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

241882E9

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, Dot Blot, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Trichostatin A treated NIH/3T3 cells, Trichostatin A treated HeLa cells

IF/ICC : HeLa cells,

## Background Information

### Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

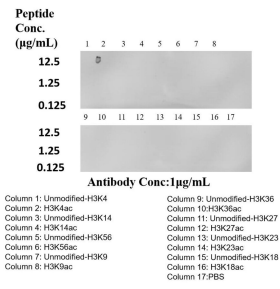
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

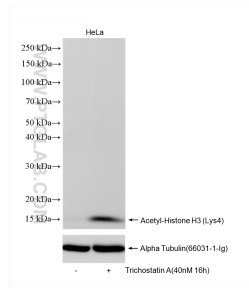
W: [ptgcn.com](http://ptgcn.com)

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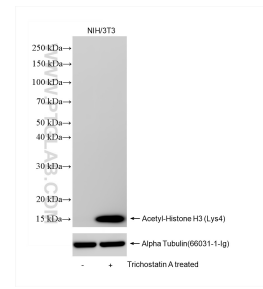
## Selected Validation Data



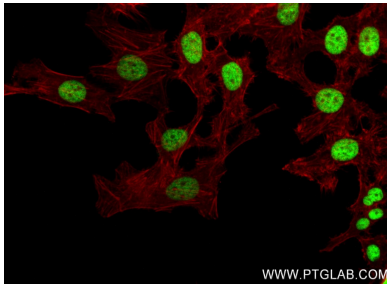
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H3 (Lys4) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide ( µg/ml) spotted is indicated next to each row.



Trichostatin A treated and untreated HeLa cells were subjected to SDS PAGE followed by western blot with 84831-1-RR (HIST1H3A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control.



Trichostatin A treated and untreated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84831-1-RR (HIST1H3A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HIST1H3A antibody (84831-1-RR, Clone: 241882E9 ) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).