

For Research Use Only

Acetyl-Histone H3 (Lys4) Recombinant antibody, PBS Only

Catalog Number:84831-1-PBS



Basic Information

Catalog Number:

84831-1-PBS

Size:

1 mg/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

Applications

Tested Applications:

WB, IF/ICC, Dot Blot, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

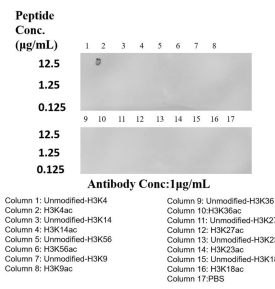
T: 4006900926

E: Proteintech-CN@ptglab.com

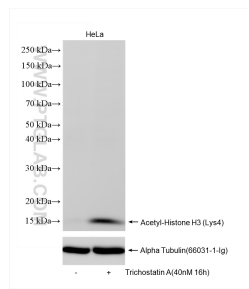
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

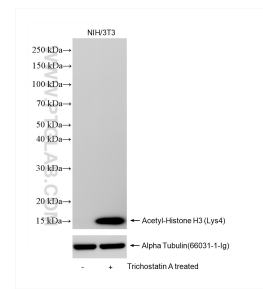
Selected Validation Data



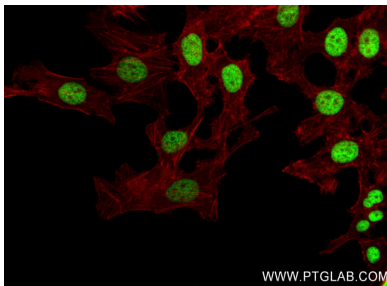
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H3 (Lys4) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (µg/ml) spotted is indicated next to each row. This data was developed using the same antibody clone with 84831-1-PBS in a different storage buffer formulation.



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-blot with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 84831-1-PBS in a different storage buffer formulation.



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-blot with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 84831-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84831-1-PBS in a different storage buffer formulation.