

For Research Use Only

Acetyl-Histone H3 (Lys14) Recombinant monoclonal antibody

Catalog Number: 84543-2-RR



Basic Information

Catalog Number:

84543-2-RR

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.:

251230E11

Recommended Dilutions:

WB: 1:5000-1:50000

Dot Blot: 1:10-1:100

ChIP-qPCR: 1:10-1:100

Applications

Tested Applications:

WB, Dot Blot, ELISA, ChIP-qPCR

Species Specificity:

human, mouse

Positive Controls:

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

Dot Blot: / /

ChIP-qPCR: 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

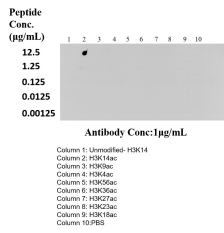
T: 4006900926

E: Proteintech-CN@ptglab.com

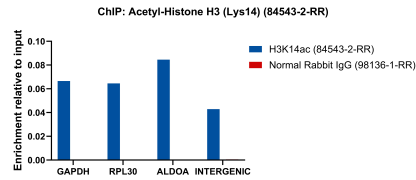
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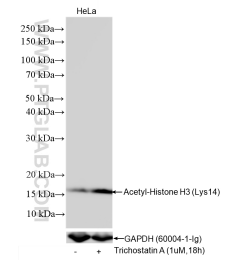
Selected Validation Data



Dot blot analysis was used to confirm the specificity of 84543-2-RR Acetyl-Histone H3 (Lys14) antibody. peptides were spotted onto NC and probed with antibody at 1 µg/mL. The amount of peptide (µ g/mL) spotted is indicated next to each row.



Chromatin was prepared from HeLa cells. Cells were fixed with formaldehyde for 10 minutes. The ChIP was performed with 15 µg of cross-linked chromatin, 5 µg of Acetyl-Histone H3 (Lys14) (84543-2-RR) or 5 µg of Normal Rabbit IgG (98136-1-RR), and 20 µl of Protein A Magarose Beads. The immunoprecipitated DNA was quantified by real-time PCR.



Various lysates were subjected to SDS PAGE followed by western blot with 84543-2-RR (Acetyl-Histone H3 (Lys14) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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