

For Research Use Only

Acetyl-Histone H2B (Lys16) Recombinant antibody

Catalog Number: 84446-1-RR



Basic Information

Catalog Number:

84446-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC005827

GeneID (NCBI):

8349

UNIPROT ID:

Q16778

Full Name:

histone cluster 2, H2be

Calculated MW:

14 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

241194H2

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:425-1:1700

Applications

Tested Applications:

WB, IF/ICC, Dot Blot, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Trichostatin A treated NIH/3T3 cells, HSC-T6 cells, NIH/3T3 cells

IF/ICC : HeLa cells, U2OS cells

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

*** 20ul sizes contain 0.1% BSA

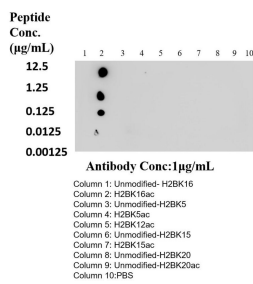
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

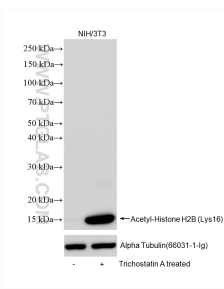
E: proteintech@ptglab.com
W: ptglab.com

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

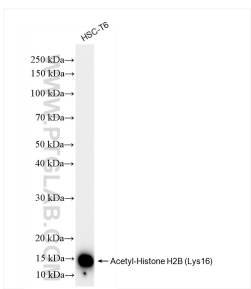
Selected Validation Data



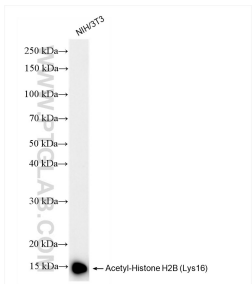
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H2B (Lys16) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/mL. The amount of peptide (µg/mL) spotted is indicated next to each row.



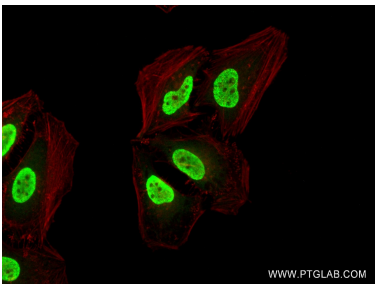
Trichostatin A treated and untreated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84446-1-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-ig) antibody as a loading control.



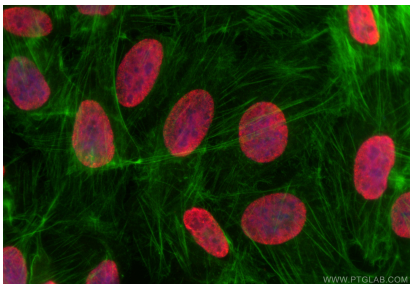
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 84446-1-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84446-1-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Histone H2B antibody (84446-1-RR, Clone: 241194H2) at dilution of 1:850 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using Acetyl-Histone H2B (Lys16) antibody (84446-1-RR, Clone: 241194H2) at dilution of 1:500 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-phalloidin (green).