

For Research Use Only

Acetyl-Histone H3 (Lys4) Recombinant antibody

Catalog Number: 84831-1-RR



Basic Information

Catalog Number: 84831-1-RR	GenBank Accession Number: BC066245	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8350	CloneNo.: 241882E9
Source: Rabbit	UNIPROT ID: P68431	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: histone cluster 1, H3a	
	Observed MW: 15 kDa	

Applications

Tested Applications: WB, IF/ICC, Dot Blot, ELISA	Positive Controls: WB : Trichostatin A treated NIH/3T3 cells, Trichostatin A treated HeLa cells
Species Specificity: human, mouse	IF/ICC : HeLa 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

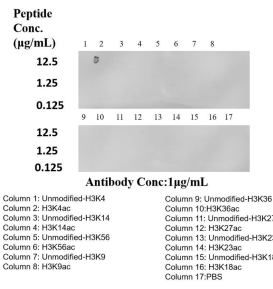
For technical support and original validation data for this product please contact:

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

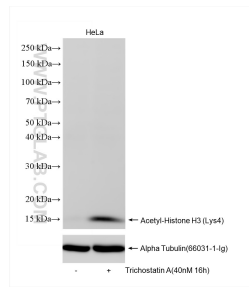
E: proteintech@ptglab.com
W: ptglab.com

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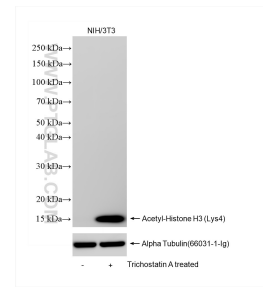
Selected Validation Data



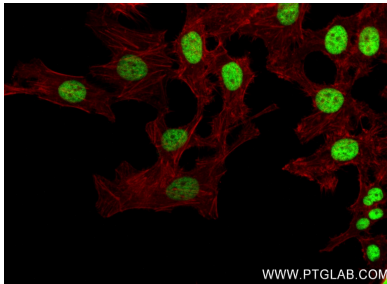
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H3 (Lys4) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (µg/ml) spotted is indicated next to each row.



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).