

**Product Name: Acetyl-Histone H2B (Lys5) Rabbit
Polyclonal Antibody
Catalog #: APRab00851**

Summary

Production Name	Acetyl-Histone H2B (Lys5) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	H2BC3
Alternative Names	H2BK5ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F
Gene ID	3018
SwissProt ID	P33778

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

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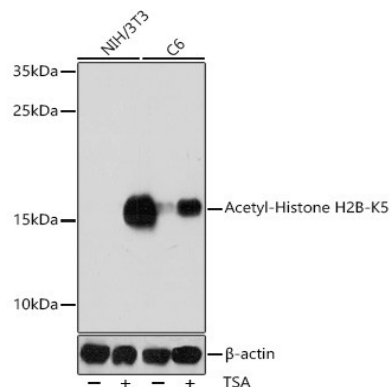
Background

Belongs to the histone H2B family. Play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

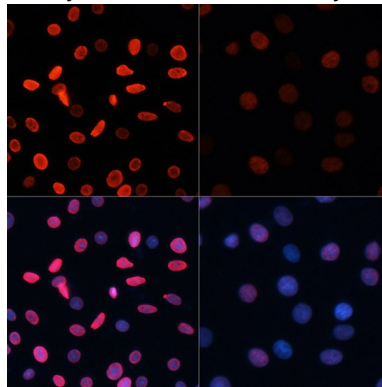
Research Area

Epigenetics and Nuclear Signaling

Image Data

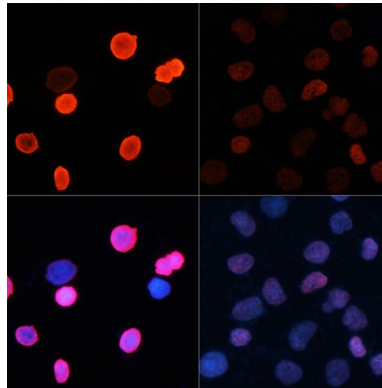


Western blot analysis of Acetyl-Histone H2B (Lys5) in various cell lines lysates using Acetyl-Histone H2B-K5 antibody.

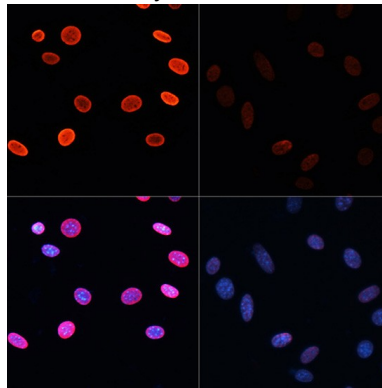


Immunofluorescence analysis of Acetyl-Histone H2B (Lys5) in C6 using Acetyl-Histone H2B-K5 antibody. C6 cells were treated by TSA, and DAPI (blue).

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Immunofluorescence analysis of Acetyl-Histone H2B (Lys5) in HeLa cells using Acetyl-Histone H2B-K5 antibody. HeLa cells were treated by TSA, and DAPI (blue).



Immunofluorescence analysis of Acetyl-Histone H2B (Lys5) in NIH/3T3 cells using Acetyl-Histone H2B-K5 antibody, and DAPI (blue). NIH/3T3 cells were treated by TSA.

Note

For research use only.