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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

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
Immunogen	A synthetic Acetylated peptide corresponding to residues target protein

Background

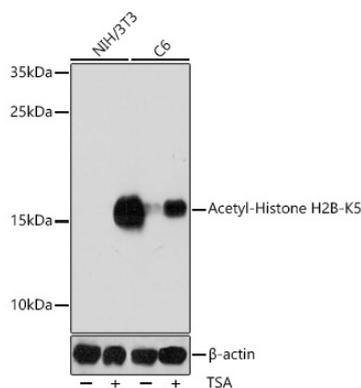
Belongs to the histone H2B family. Play a central role in transcription regulation, DNA repair, DNA replication and chromosomal

stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

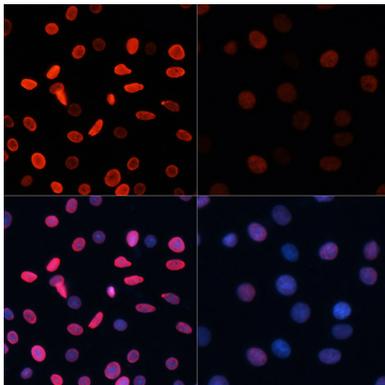
Research Area

Epigenetics and Nuclear Signaling

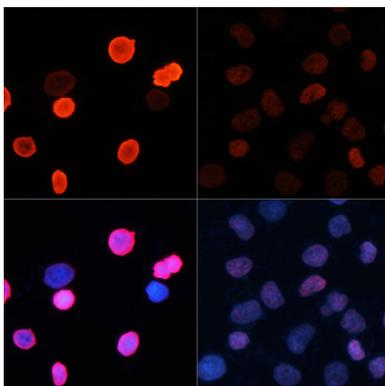
Image Data



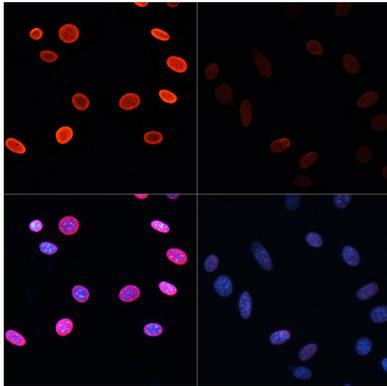
Western blot analysis of Acetyl-Histone H2B (Lys5) in various cell lines lysates using Acetyl-Histone H2B-K5 antibody.



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



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.