

**Product Name: Acetyl-Histone H2B (Lys15) Rabbit Polyclonal Antibody**  
**Catalog #: APRab00853**

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## Summary

<b>Production Name</b>	Acetyl-Histone H2B (Lys15) Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse

## Performance

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

## Immunogen

<b>Gene Name</b>	H2BC3
<b>Alternative Names</b>	H2BK15ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F
<b>Gene ID</b>	3018
<b>SwissProt ID</b>	P33778

## Application

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

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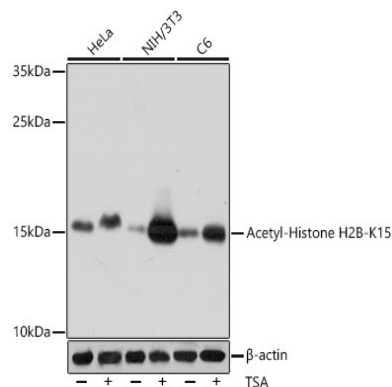
## Background

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.

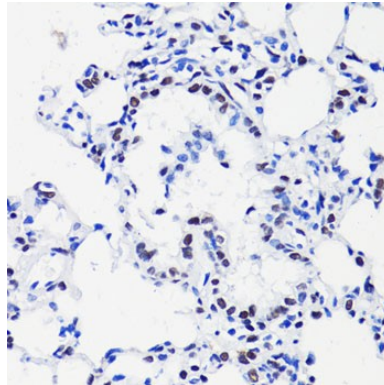
## Research Area

Epigenetics and Nuclear Signaling

## Image Data

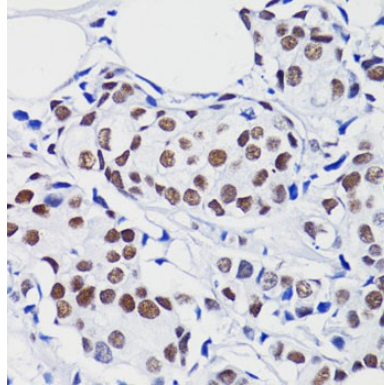


Western blot analysis of Acetyl-Histone H2B (Lys15) in various cell lines lysates using Acetyl-Histone H2BK15 antibody.

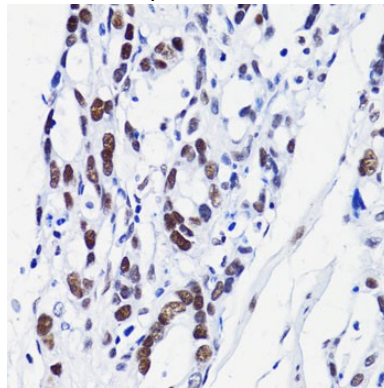


Immunohistochemistry analysis of paraffin-embedded rat lung using Acetyl-Histone H2B (Lys15) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

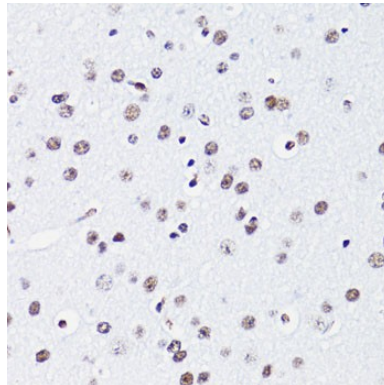
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Immunohistochemistry analysis of paraffin-embedded Human breast cancer using H2B K15ac antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



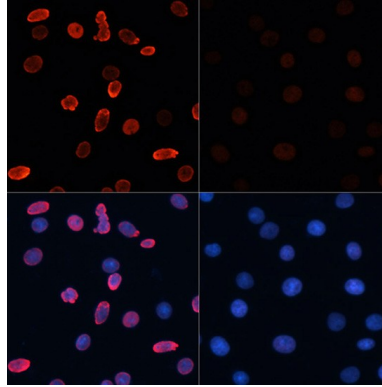
Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using H2B K15ac antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded mouse brain using H2B K15ac antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunofluorescence analysis of Acetyl-Histone H2B (Lys15) in C6 using Acetyl-Histone H2BK15 antibody. C6 cells were treated by TSA, and DAPI (blue).

**Note**

For research use only.