

**Product Name: MonoMethyl-Histone H2B (Arg79)  
Rabbit Polyclonal Antibody  
Catalog #: APRab00691**

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## Summary

<b>Production Name</b>	MonoMethyl-Histone H2B (Arg79) Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Methylated
<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>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	H2BC21
<b>Alternative Names</b>	H2BR79me; H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105
<b>Gene ID</b>	8349
<b>SwissProt ID</b>	Q16778

## Application

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

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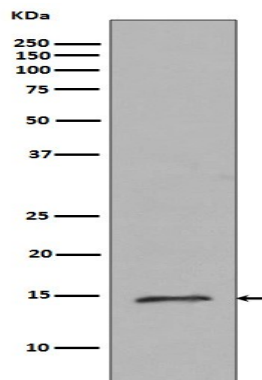
## Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Histone H2B (mono methyl R79) in HeLa lysates using MonoMethyl-Histone H2B (Arg79) antibody.

## Note

For research use only.