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

Summary

Production Name	MonoMethyl-Histone H2B (Arg79) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

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

Application

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

Background

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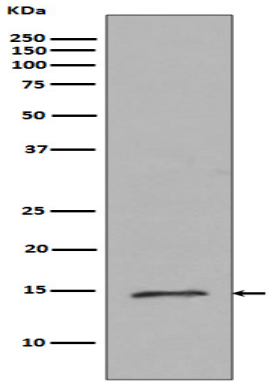
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. 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.