

Product Name: Histone H2B (yeast) Rabbit Polyclonal Antibody
Catalog #: APRab00044



Summary

Production Name	Histone H2B (yeast) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Yeast

Performance

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

Immunogen

Gene Name	HTB1
Alternative Names	HTB2; Htb2p; HTB1; Htb1p; Histone H2B.1; Histone H2B.2; SPT12
Gene ID	851810.0
SwissProt ID	P02293

Application

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

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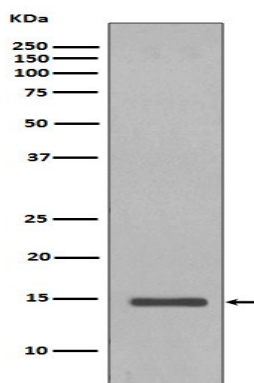
Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby 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 Histone H2B in *Saccharomyces cerevisiae* lysates using Histone H2B (yeast) antibody.

Note

For research use only.