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

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Yeast
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<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

**Application**

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

**Antigen Information**

<b>Gene Name</b>	HTB1
<b>Alternative Names</b>	HTB2; Htb2p; HTB1; Htb1p; Histone H2B.1; Histone H2B.2; SPT12
<b>Gene ID</b>	851810.0
<b>SwissProt ID</b>	P02293
<b>Immunogen</b>	

**Background**

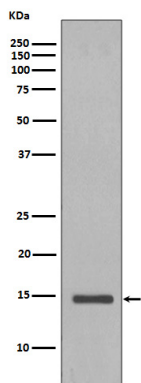
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

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.