Product Name: Phospho-HistoneH2B(T129) Rabbit Monoclonal Antibody
Catalog #: AMRe83770

Summary

Production Name	Phospho-HistoneH2B(T129) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Yeast

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-HistoneH2B(T129)
Alternative Names	HTB2; Htb2p; HTB1; Htb1p; Histone H2B.1; Histone H2B.2; SPT12;;p-Histone H2B.1 (T129)
Gene ID	
SwissProt ID	P02293(yeast). A synthesized peptide derived from yeast Histone H2B.1 around the phosphorylation site of T129

Application

Dilution Ratio	WB:1:1000-1:2000
Molecular Weight	14 kDa

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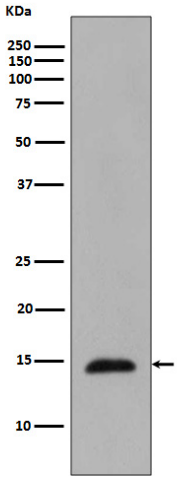
Background

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

Image Data



Western blot analysis of Histone H2B expression in Saccharomyces cerevisiae cell lysate treated with Methyl methanesulfonate.

Note

For research use only.