

Anti-Phospho-Histone H2B (T129) HIST1H2BC Rabbit Monoclonal Antibody

Catalog # ABO13196

Product Information

Application	WB
Primary Accession	P02293
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Yeast
Clonality	Monoclonal
Format	Liquid
Description	Anti-Phospho-Histone H2B (T129) HIST1H2BC Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Yeast.

Additional Information

Gene ID	851810
Other Names	Histone H2B.1, Suppressor of Ty protein 12, HTB1, H2B1, SPT12
Calculated MW	14252
Application Details	WB 1:500-1:1000
Subcellular Localization	Nucleus. Chromosome.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: DEI-8
Immunogen	A synthesized peptide derived from yeast Phospho-Histone H2B (T129)
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	HTB1
Synonyms	H2B1, SPT12

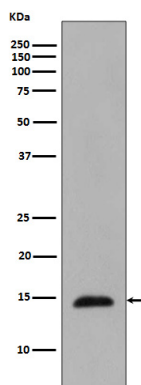
Function

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.

Cellular Location

Nucleus. Chromosome.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.