H2B Antibody

Catalog No: #AB21417

Package Size: #AB21417-1 50ul #AB21417-2 100ul #AB21417-4 25ul

Orders: order@abscitech.com
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Description

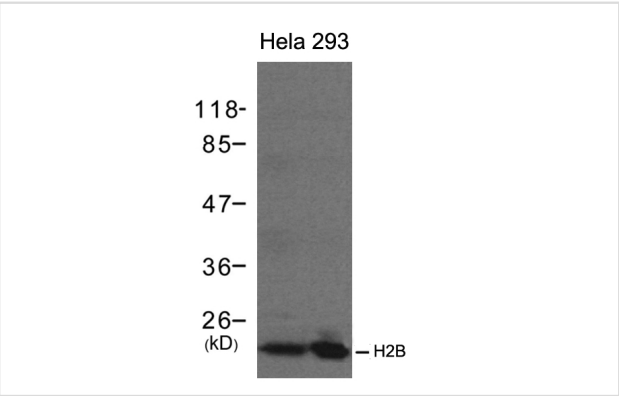
Product Name	H2B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total H2B protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.41~45 (Y-V-Y-K-V) derived from Human H2B.
Target Name	H2B
Other Names	H2BQ; GL105; H2B.1; H2BFQ; H2BGL105
Accession No.	Swiss-Prot: P33778 NCBI Protein: NP_003519.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 14kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Hela and 293 cells using H2B antibody #AB21417.

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.

Borchert GM,et al. (2010) PLoS One.5(7):e11641.
Pennini ME,et al.(2010) PLoS Pathog.6(7):e1000995.
Lu C,et al. (2010) Sci China Life Sci.53(6):663-8.