

35-1671: Polyclonal Antibody to H2B

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	HIST1H2BB
Gene ID :	3018
Uniprot ID :	P33778
Format :	Purified
Alternative Name :	H2BQ, GL105, H2B.1, H2BFQ, H2BGL105
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.41~45 (Y-V-Y-K-V) derived from Human H2B.

Description

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.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 14kd, Western blotting: 1:500~1:1000

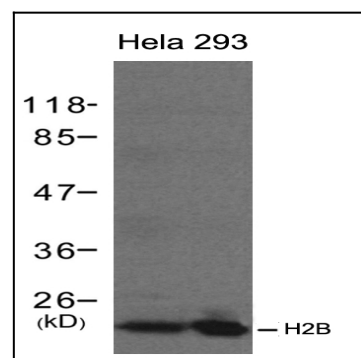


Figure 1: Western blot analysis of extracts from HeLa and 293 cells using H2B Antibody 35-1671 .