

## HIST1H2BJ/Histone H2B.1 Rabbit pAb

Catalog Number: bs-17409R

Target Protein: HIST1H2BJ/Histone H2B.1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 14 kDa

Entrez Gene: 8970

Swiss Prot: P06899

Source: KLH conjugated synthetic peptide derived from human HIST1H2BJ: 51-126/126.

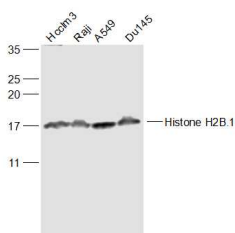
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H2B family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq, Jul 2008]

### VALIDATION IMAGES



Sample: Hcclm3(Human) Cell Lysate at 30 ug Raji(Human) Cell Lysate at 30 ug A549(Human) Cell Lysate at 30 ug DU145(Human) Cell Lysate at 30 ug Primary: Anti-Histone H2B.1 (bs-17409R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 14 kD Observed band size: 17 kD