

**bs-60021R****[ Primary Antibody ]****Histone H2B (Acetyl K5) Rabbit pAb****BioSS**  
**ANTIBODIES**

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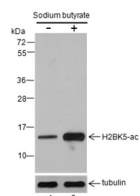
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat)
<b>GeneID:</b> 3018	<b>SWISS:</b> P33778	
<b>Target:</b> Histone H2B (Acetyl K5)		<b>Predicted MW.:</b> 14 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Nucleus
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Jul 2008].		

**— VALIDATION IMAGES —**

Blocking buffer: 5% NFDM/TBST Primary ab  
 dilution: 1:2000 Primary ab incubation  
 condition: 2 hours at room temperature  
 Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)  
 Lysate: (-) HeLa, (+) HeLa+Sodium butyrate  
 (30mM, 4hr) Protein loading quantity: 20 µg  
 Exposure time: 60 s Predicted MW: 14 kDa  
 Observed MW: 14 kDa