

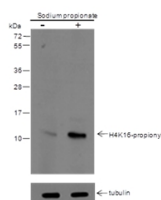
**bs-60194R****[ Primary Antibody ]****Propionyl-Histone H4 (Lys16) Rabbit pAb****BioSS**  
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**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Applications:** WB (1:500-1:2000)**Clonality:** Polyclonal**Reactivity:** Human (predicted: Mouse, Rat)**Target:** Propionyl-Histone H4 (Lys16)**Purification:** Antigen affinity purification**Concentration:** 1mg/ml**Subcellular Location:** Nucleus**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. 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element.  
[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 propionate  
(10mM, 4hr) Protein loading quantity: 20 µg  
Exposure time: 60 s Predicted MW: 11 kDa  
Observed MW: 11 kDa