

## Histone H2B (AcK125) polyclonal antibody

Catalog: BS67518

Host: Rabbit

 Reactivity: Human, Mouse, Rat, Bovine,  
Chicken, Zebrafish

### BackGround:

Entirely replaces classical histone H2B prior nucleosome to protamine transition and probably acts as a nucleosome dissociating factor that creates a more dynamic chromatin, facilitating the large-scale exchange of histones or 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. Also found in fat cells, its function and the presence of post-translational modifications specific to such cells are still unclear.

### Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 17 kDa

### Swiss-Prot:

Q96A08; P33778; P62807

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

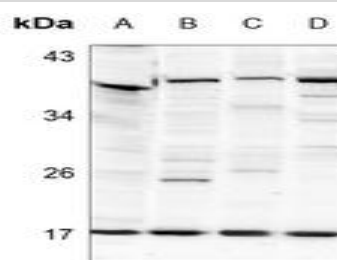
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

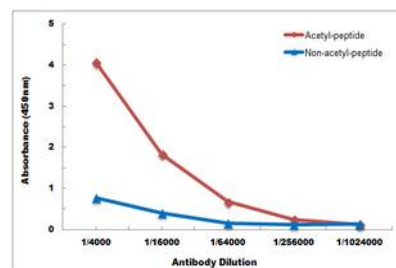
### Specificity:

Recognizes endogenous levels of Histone H2B with a site at AcK125 protein.

### DATA:



Western blot analysis of Histone H2B (AcK125) expression in SP20 (A), SHSY5Y (B), C6 (C), PC3 (D) whole cell lysates.



### Note:

For research use only, not for use in diagnostic procedure.

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