

## Histone H2A (AcK7) polyclonal antibody

Catalog: BS67368

Host: Rabbit

Reactivity: Human, Mouse, Rat, Bovine, Sheep

### BackGround:

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. 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. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division.

### Product:

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

### Molecular Weight:

~ 14 kDa

### Swiss-Prot:

P0C0S5; Q71UI9

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

### Storage&Stability:

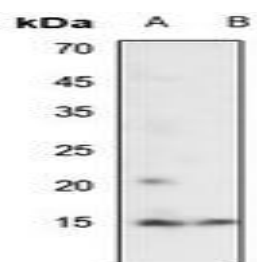
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

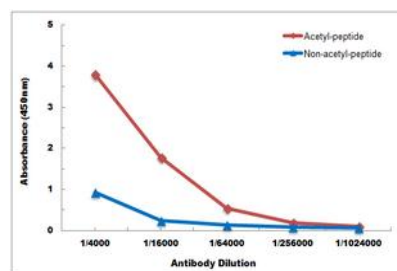
### Specificity:

Recognizes endogenous levels of Histone H2A with a site at AcK7 protein.

### DATA:



Western blot analysis of Histone H2A (AcK7) expression in DLD (A), U2OS (B) whole cell lysates.



### Note:

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

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