

## Histone H4 (Acetyl-K91) polyclonal antibody

Catalog: BS74035

Host: Rabbit

Reactivity: Human, Mouse, Rat, Other (Wide Range)

### BackGround:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

Refer to figures

### Swiss-Prot:

P62805

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:2000  
IF 1:50 - 1:200

### Storage&Stability:

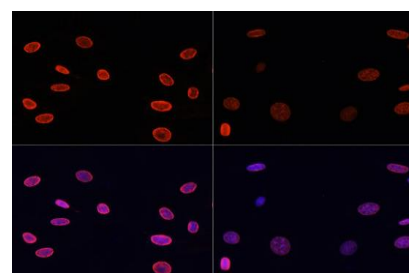
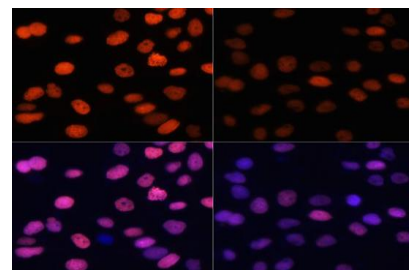
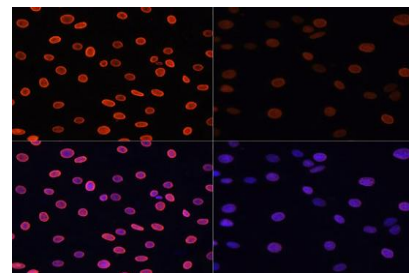
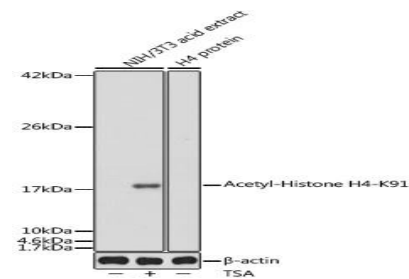
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Histone H4 (Acetyl-K91) polyclonal antibody detects

endogenous levels of Histone H4 protein only when acetylated at Lys91.

### DATA:



### Note:

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

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## PRODUCT DATA SHEET

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