

# Histone H4(Acetyl Lys8) Rabbit Polyclonal Antibody

**Catalog No: RA20121**

## Basic Information

|                          |  |
|--------------------------|--|
| Host species             | Rabbit   |
| Applications             | WB   |
| Species Cross-Reactivity | H, R, M  |
| Specificity              | The Histone H4(Acetyl Lys8) Rabbit Polyclonal Antibody can detect endogenous Histone H3 (Acetyl Lys8) protein. |
| Recommended dilutions    | WB: 1:500-2,000<br>Optimal dilutions should be determined by the end user.                                     |

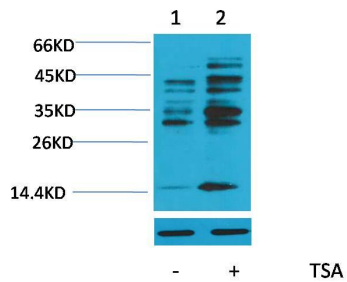
## Applications

|               |  |
|---------------|--|
| Formulation   | Immunogen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. |
| Storage       | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Concentration | 1 mg/ml  |
| Clonality     | Polyclonal   |

## Background

|                         |   |
|-------------------------|---|
| Alternative Names       | Histone 1 H4 antibody, HIST1H4K antibody, MGC24116 antibody, DJ160A22.1 antibody  |
| Observed band           | 14  |
| Human Gene ID           | 8294  |
| Human Swiss-Prot Number | P62805  |
| Background              | Histone H4 is one of the 5 main histone proteins involved in the structure of chromatin in eukaryotic cells. H4 is a structural component of the nucleosome, and is subject to covalent modification, including acetylation and methylation, which may alter expression of genes located on DNA associated with its parent histone octamer. |

## Selected Validation Data



Western blot analysis of extracts from HeLa cells, untreated (-) or treated with TSA (1 $\mu$ M, 18 hr; +), using Acetyl-Histone H4 (Lys8) Rabbit pAb (upper) TDY343 1:2,000 and  $\beta$ -actin (5B7) Mouse mAb (lower) TDY041 1:5,000.