

## Anti-Acetyl-Histone H4 (Lys5) Polyclonal Antibody

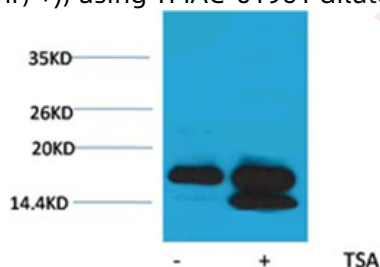
## Product Details

|                   |  |
|-------------------|--|
| Ig Type:          | IgG                                    |
| Reactivity:       | Human,Mouse,Rat                        |
| Conjugation:      | Unconjugated                           |
| Molecular Weight: | Actual: 14 kDa.                        |
| Purification:     | Affinity purification using immunogen. |

## Applications

## Verified Activity:

1. Western blot analysis of extracts from Hela cells, untreated (-) or treated with TSA (1 $\mu$ M, 18 hr; +), using TMAC-01961 diluted at 1:2,000.



|              |                 |
|--------------|-----------------|
| Application: | WB              |
| Recommended  | WB: 1:2000-5000 |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | A synthesized acetylpeptide: human histone H4 around the acetylation site of Lys5                     |
| Antigen Species: | Human   |
| Uniprot ID:      | P62805  |
| Synonyms:        | Ac-Histone H4 (K5);Ac-H4K5;Acetyl-Histone H4 (K5);H4K5ac;Ac-Histone H4 (Lys5);Histone H4K5-acetylated |

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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