

Anti-Acetyl-Histone H4 (Lys16) Polyclonal Antibody

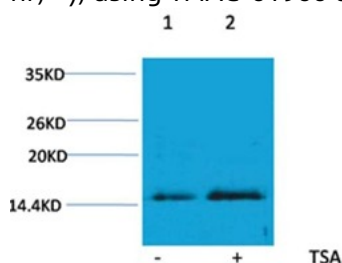
Product Details

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|-------------------|--|
| 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 μ M, 18 hr; +), using TMAC-01960 diluted at 1:2,000.



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| Application: | WB |
| Recommended | WB: 1:1000-2000 |

Properties

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

Antigen Details

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|------------------|---|
| Immunogen: | A synthesized acetylpeptide: human histone H4 around the acetylation site of Lys16 |
| Antigen Species: | Human |
| Uniprot ID: | P62805 |
| Synonyms: | Ac-H4K16;Acetyl-Histone H4 (K16);Ac-Histone H4 (K16);Histone H4K16-acetylated;Ac-Histone H4 (Lys16);H4K16ac |

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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