

## Anti-Acetyl-Histone H4 (Lys91) Polyclonal Antibody

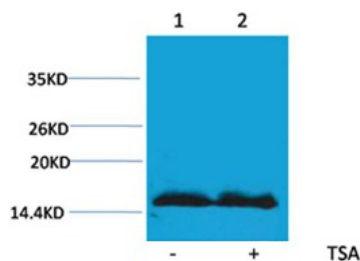
## Product Details

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-01962 diluted at 1:2,000.



Application:	WB
Recommended	WB: 1:1000-2000

## 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 Lys91
Antigen Species:	Human
Uniprot ID:	P62805
Synonyms:	Histone H4K91-acetylated;H4K91ac;Ac-Histone H4 (K91);Acetyl-Histone H4 (K91);Ac-Histone H4 (Lys91);Ac-H4K91

## 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.

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