

Anti-Acetyl-HIST1H3A (Lys36) Polyclonal Antibody

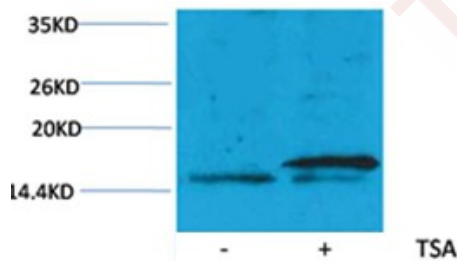
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 17 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-01928 diluted at 1:2,000.



Application:	WB
Recommended	WB: 1:200-500

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 H3 around the acetylation site of Lys36
Antigen Species:	Human
Uniprot ID:	P68431
Synonyms:	Acetyl-HIST1H3A (K36);Ac-H3K36;H3K36ac;Ac-HIST1H3A (K36);Ac-HIST1H3A (Lys36);Histone H3K36-acetylated

Research Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

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