

Anti-Acetyl-HIST1H3A (Lys9) Polyclonal Antibody

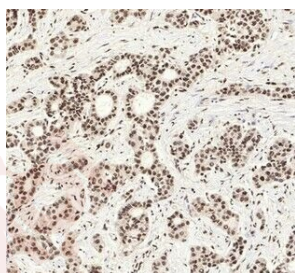
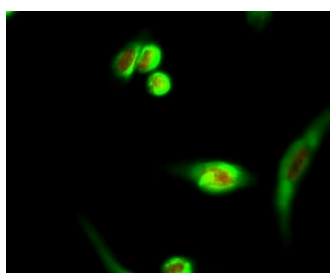
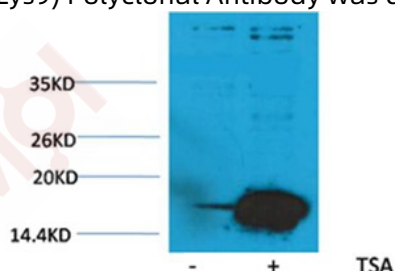
Product Details

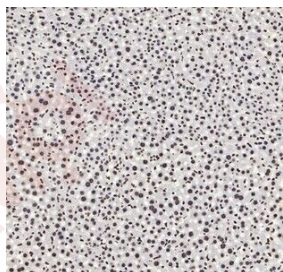
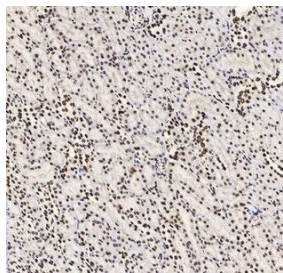
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 17 kDa.
Purification:	Affinity purification using immunogen.

Applications

Verified Activity:

1. Western blot analysis of extracts from Hela cells, untreated (-) or treated with TSA (1 μ M, 18 hr; +), using TMAC-01931 diluted at 1:1,000.
2. Immunofluorescence analysis of Hela cell. Histone H3 (Acetyl Lys9) Polyclonal Antibody (red) was diluted at 1:200 (4 $^{\circ}$ C overnight).
3. Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. Histone H3 (Acetyl Lys9) Polyclonal Antibody was diluted at 1:200 (4 $^{\circ}$ C,overnight).
4. Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. Histone H3 (Acetyl Lys9) Polyclonal Antibody was diluted at 1:200 (4 $^{\circ}$ C,overnight).
5. Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. Histone H3 (Acetyl Lys9) Polyclonal Antibody was diluted at 1:200 (4 $^{\circ}$ C,overnight).





Application: ELISA,IF,IHC,WB
Recommended WB: 1:500-1000; IHC: 1:50-300; IF: 1:50-300

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 Lys9
Antigen Species: Human
Uniprot ID: P68431
Synonyms: Ac-HIST1H3A (K9);Ac-HIST1H3A (Lys9);Ac-H3K9;H3K9ac;Acetyl-HIST1H3A (K9);Histone H3K9-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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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