

---

**Product Name: Acetyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody****Catalog #: AMRe84826**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Acetylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa

**Antigen Information**

<b>Gene Name</b>	Acetyl-Histone H3 (Lys27)
<b>Alternative Names</b>	H3K27ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
<b>Gene ID</b>	8350.0
<b>SwissProt ID</b>	P68431
<b>Immunogen</b>	A synthetic acetyl-peptide corresponding to residues surrounding Lys27 of human Histone H3

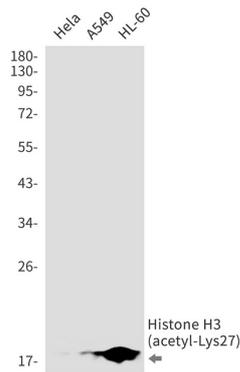
**Background**

H3 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

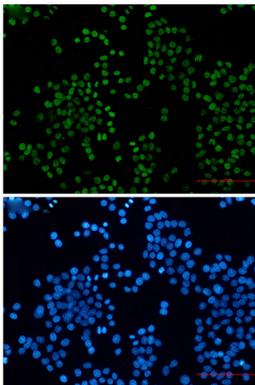
repair, DNA replication and chromosomal stability.

## Research Area

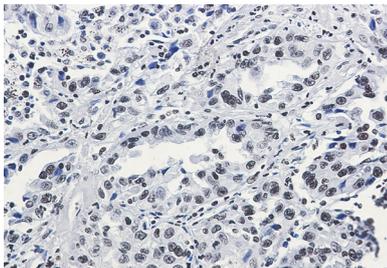
## Image Data



Western blot analysis of Histone H3 (acetylLys27) in HeLa, A549, HL-60 lysates using Acetyl-Histone H3 (Lys27) antibody.



Immunocytochemistry analysis of Histone H3 (acetylLys27) (green) in HeLa using Histone H3 (acetylLys27) antibody and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H3 (acetylLys27) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.