

# Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7)

Catalog # AP63759

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC
<b>Primary Accession</b>	<a href="#">P68431</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Calculated MW</b>	15404

## Additional Information

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<b>Gene ID</b>	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968
<b>Other Names</b>	HIST1H3A
<b>Dilution</b>	WB~~1:1000 IHC-P~~IHC 1:100-200 IF~~1:50~200 ICC~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	H3C1 ( <a href="#">HGNC:4766</a> )
<b>Synonyms</b>	H3FA, HIST1H3A
<b>Function</b>	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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
<b>Cellular Location</b>	Nucleus. Chromosome.

## Background

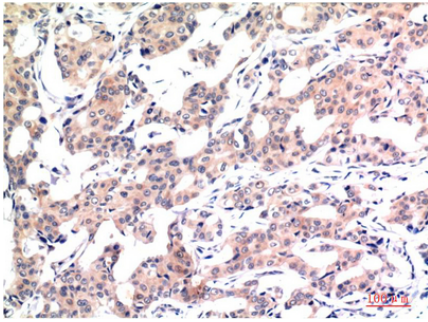
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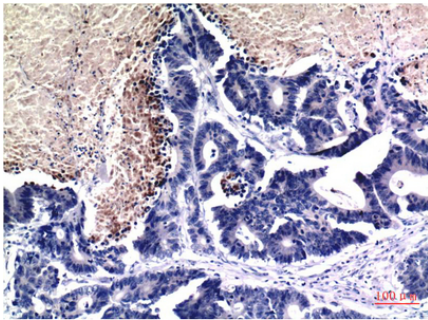
nucleosome remodeling.

## Images

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Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl Histone H3 K9 Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Stomach Tissue using Acetyl Histone H3 K9 Mouse mAb diluted at 1:200.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.