Acetyl-Histone H3 (Lys9) Polyclonal Antibody

Catalog No. E-AB-20203

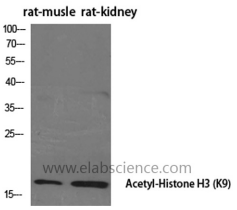
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

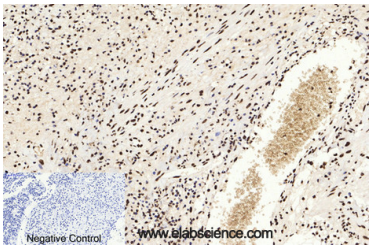
Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human Histone H3 around the acetylation site of K9
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-2000
IHC	1:50-300
IF	1:50-300

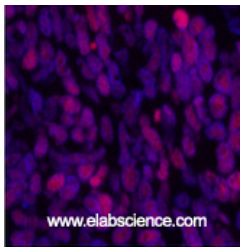
Data



Western Blot analysis of Rat muscle, kindey using Acetyl-Histone H3 (Lys9) Polyclonal Antibody at dilution of 1:2000.
Observed Mw:17kDa
Calculated Mw:15kDa



Immunohistochemistry of paraffin-embedded Human appendix tissue using Acetyl-Histone H3 (Lys9) Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Human lung cancer tissue using Acetyl-Histone H3 (Lys9) Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

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.

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