Acetyl-Histone H3 (Lys9) Polyclonal Antibody

catalog number: E-AB-20203

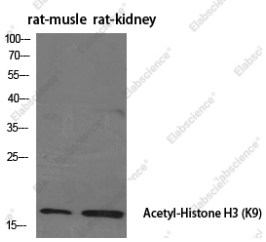
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthesized peptide derived from human Histone H3 around the acetylation site of K9
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

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

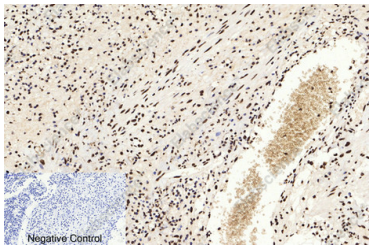
Data



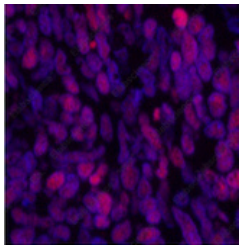
Western Blot analysis of Rat muscle, kindey using Acetyl-Histone H3 (Lys9) Polyclonal Antibody at dilution of 1:2000.

Observed-MW:17 kDa

Calculated-MW:15 kDa



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°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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