

## ACETYL-HISTONE H3 (LYS9) RABBIT PAB

**Cat.#:** N225342

**Product Name:** Anti-Acetyl-Histone H3 (Lys9) Rabbit pAb

**Synonyms:** H3K9ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J

**UNIPROT ID:** P68431

**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.

**Immunogen:** The antiserum was produced against synthesized peptide derived from human Histone H3 around the acetylated site of Lys9. AA range:3-52

**Applications:** WB,IHC-F,IHC-P,ICC/IF,ELISA

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
ELISA: 1/10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 15 kDa; Observed MW: 15 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

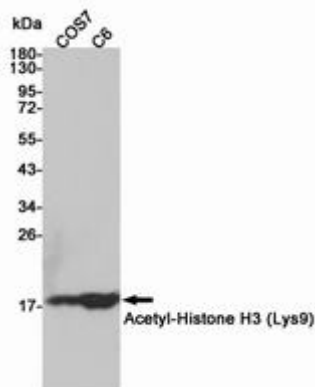
**Conjugation:** Unconjugated

**Modification:** Acetylated

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Acetyl-Histone H3 (Lys9) in COS7 and C6 lysates using Acetyl-Histone H3 (Lys9) antibody.