

## ACETYL-HISTONE H2B (LYS5) RABBIT PAB

**Cat.#:** N226084

**Product Name:** Anti-Acetyl-Histone H2B (Lys5) Rabbit pAb

**Synonyms:** H2BK5ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F

**UNIPROT ID:** P33778

**Background:** Belongs to the histone H2B family. 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.

**Immunogen:** A synthetic acetylated peptide corresponding to residues surrounding K5 of human Histone H2B

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

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

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 14 kDa; Observed MW: 14 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse

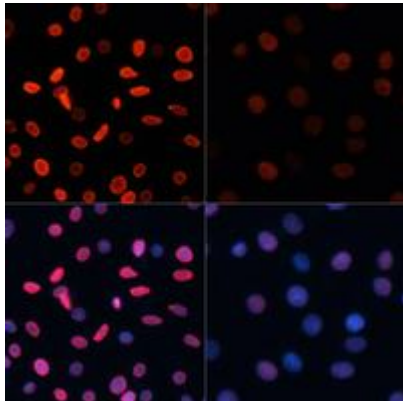
**Conjugation:** Unconjugated

**Modification:** Acetylated

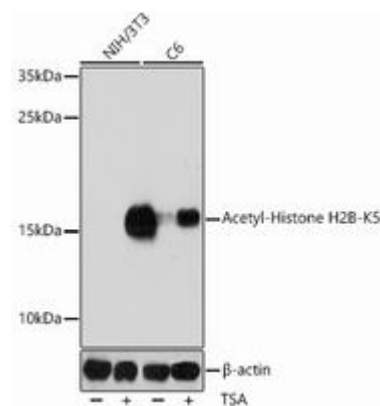
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

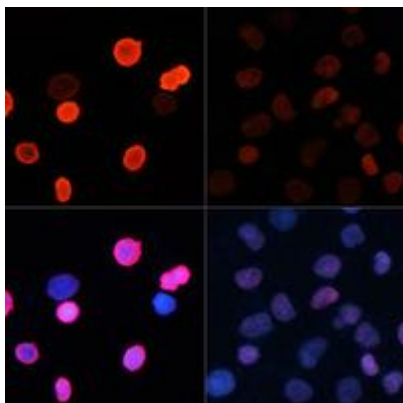
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



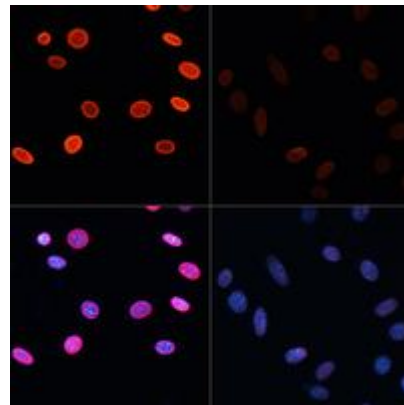
Immunofluorescence analysis of Acetyl-Histone H2B (Lys5) in C6 using Acetyl-Histone H2B-K5 antibody. C6 cells were treated by TSA, and DAPI (blue).



Western blot analysis of Acetyl-Histone H2B (Lys5) in various cell lines lysates using Acetyl-Histone H2B-K5 antibody.



Immunofluorescence analysis of Acetyl-Histone H2B (Lys5) in HeLa cells using Acetyl-Histone H2B-K5 antibody. HeLa cells were treated by TSA, and DAPI (blue).



Immunofluorescence analysis of Acetyl-Histone H2B (Lys5) in NIH/3T3 cells using Acetyl-Histone H2B-K5 antibody, and DAPI (blue). NIH/3T3 cells were treated by TSA.