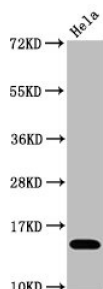


Histone H3.1 Acetyl-Lys4 (H3C1 AcK4) Antibody

Catalogue No.: abx242936



Western Blot

Positive WB detected in: HeLa whole cell lysate treated by 15mM sodium butyrate for 30min

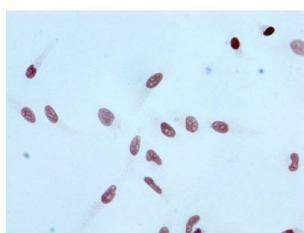
All lanes: Acetyl-Histone H3.1 (K4) antibody at 1.1 µg/ml

Secondary

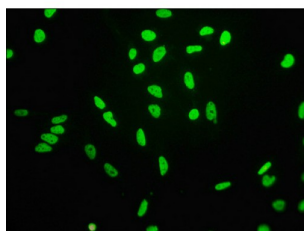
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 15 KDa

Observed band size: 15 KDa



Immunocytochemistry analysis of Acetyl-Histone H3.1 (K4) Antibody diluted at 1/100 and staining in HeLa cells. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HeLa cells (treated by 15mM sodium butyrate for 30min) with Acetyl-Histone H3.1 (K4) Antibody at 1/68, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was AF488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

Acetyl-Histone H3.1 (K4) Antibody is a Monoclonal Antibody against Acetyl-Histone H3.1 (K4).

Target: Histone H3.1 Acetyl-Lys4 (H3C1 AcK4)

Clonality: Monoclonal

Target Modification: Lys4

Modification: Acetylation

Reactivity: Human

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Datasheet

Version: 2.0.0

Revision date: 07 Sep 2025



Recommended dilutions: WB: 1/500 - 1/2000, IF: 1/50 - 1/500, ICC: 1/50 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthesized peptide

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P68431 ([UniProt](#), [ExPASy](#))

KEGG: hsa:8350, hsa:8351, hsa:8352, hsa:8353, hsa:8354, hsa:8355, hsa:8356, hsa:8357, hsa:8358, hsa:8968

String: [9606.ENSP00000484841](#)

Buffer: PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.