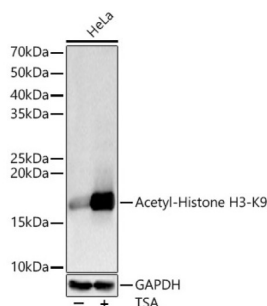
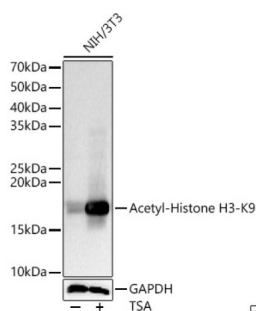


Histone H3 Acetyl-Lys9 (H3 AcK9) Antibody

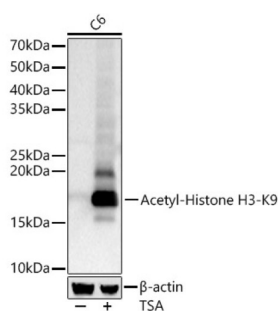
Catalogue No.: abx123385



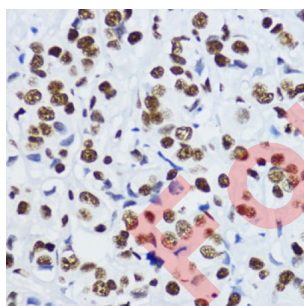
Western blot analysis of lysates from HeLa cells, using Acetyl-Histone H3-K9 Antibody at 1/1000 dilution. HeLa cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.



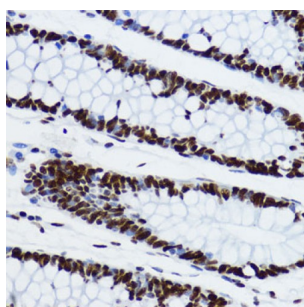
Western blot analysis of lysates from NIH/3T3 cells, using Acetyl-Histone H3-K9 Antibody at 1/1000 dilution. NIH/3T3 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.



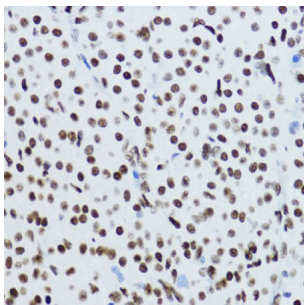
Western blot analysis of lysates from C6 cells, using Acetyl-Histone H3-K9 Antibody at 1/1000 dilution. C6 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.



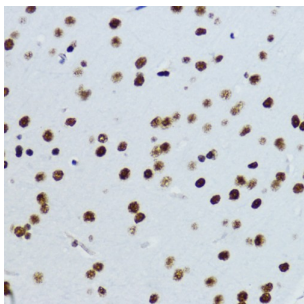
Immunohistochemistry analysis of paraffin-embedded Human mammary cancer using Acetyl-Histone H3-K9 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



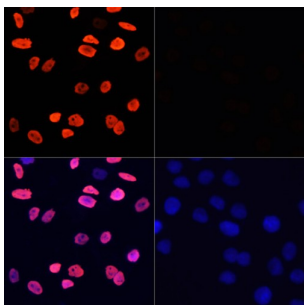
Immunohistochemistry analysis of paraffin-embedded Human colon using Acetyl-Histone H3-K9 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



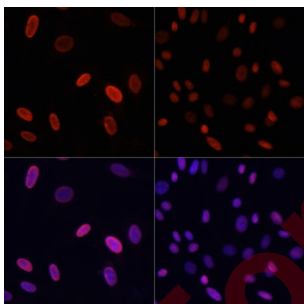
Immunohistochemistry analysis of paraffin-embedded Rat ovary using Acetyl-Histone H3-K9 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



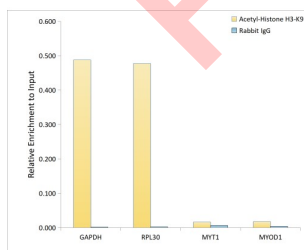
Immunohistochemistry analysis of paraffin-embedded Mouse brain using Acetyl-Histone H3-K9 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using Acetyl-Histone H3-K9 Antibody at dilution of 1/100 (40x lens). HeLa cells were treated by TSA (1 uM) at 37 °C for 18 hours (left). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H3-K9 Antibody at dilution of 1/100 (40x lens). NIH/3T3 cells were treated by TSA (1 uM) at 37 °C for 18 hours (left). Blue: DAPI for nuclear staining.



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using Acetyl-Histone H3-K9 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.

Acetyl-Histone H3-K9 Antibody is a Rabbit Polyclonal Antibody against Acetyl-Histone H3-K9.

Datasheet

Version: 2.0.0
Revision date: 20 Oct 2025



Target:	Histone H3 Acetyl-Lys9 (H3 AcK9)
Clonality:	Polyclonal
Target Modification:	Lys9
Modification:	Acetylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC, IP, ChIP
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells, ChIP: 5 µg antibody per 5 µg - 10 µg of Chromatin, ChIP-seq: 1/20 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to H3 AcK9. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q16695 (UniProt , ExPASy)
Gene Symbol:	H3-4
GeneID:	8290
NCBI Accession:	NP_003520.1
Molecular Weight:	Calculated MW: 16 kDa Observed MW: 17 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml

Note:

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

For Reference Only