

Acetyl-Histone H4-K5 Antibody

CAB15233

Description

This Acetyl-Histone H4-K5 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB15233
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	H4, H4/n, H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4F2, H4FN, FO108, H4-16, H4C11, H4C12, H4C13, H4C15, H4C16, HIST2H4, HIST2H4A, Acetyl-Histone H4-K5
Clone:	-
Applications:	WB IHC-P ChIP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID:	8359
Uniprot:	AB_2762128
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	11kDa
Calculated MW:	11kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

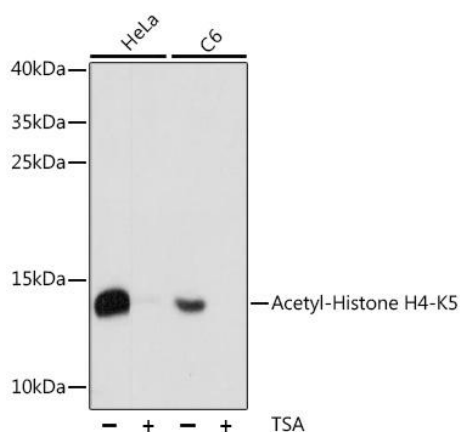
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa treated with TSA, C6 treated with TSA

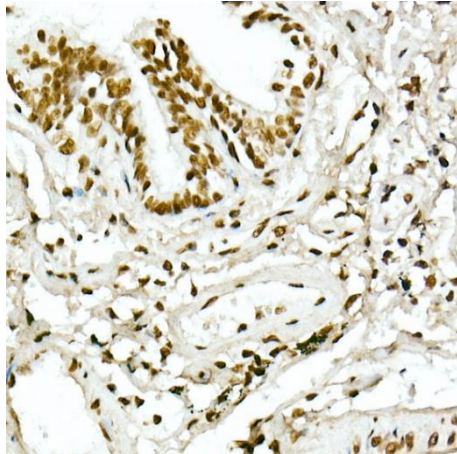
Recommended Dilutions:	WB	1:500 - 1:2000
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP 5µg antibody for 5µg-10µg of Chromatin

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

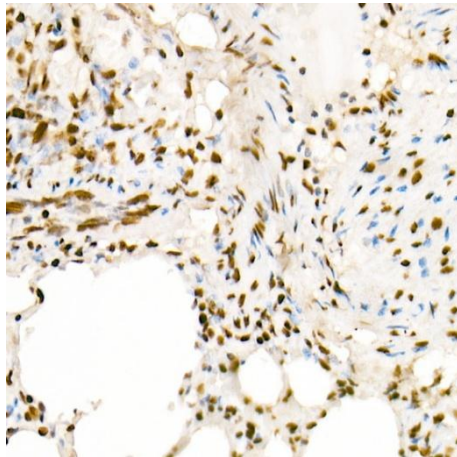
Validation Data



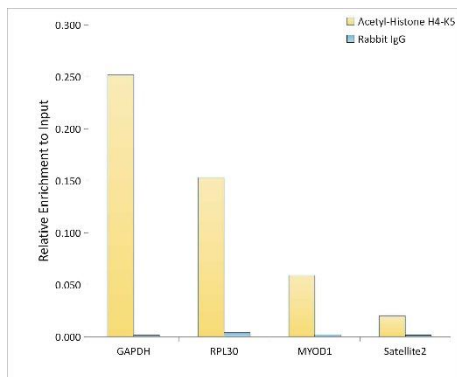
Western blot analysis of various lysates using Acetyl-Histone - Rabbit pAb (CAB15233) at 1:1000 dilution. HeLa cells were treated with TSA (1uM) for 18 hours. cells were treated with TSA (1uM) for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human lung using Acetyl-Histone - Rabbit pAb (CAB15233) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat lung using Acetyl-Histone - Rabbit pAb (CAB15233) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using Acetyl-Histone - Rabbit pAb antibody (CAB15233) 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.