

Acetyl-Histone H2B-K5 Antibody

CAB15621

Description

This Acetyl-Histone H2B-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:	CAB15621
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	-
Clone:	-
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID:	3017 8349
Uniprot:	AB_2763028
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	16kDa
Calculated MW:	-

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.

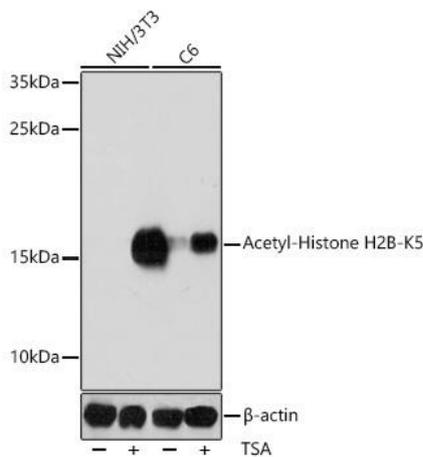
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: NIH/3T3 treated with TSA, C6 treated with TSA

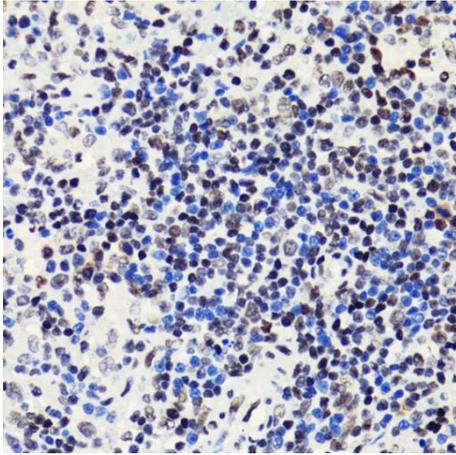
Recommended Dilutions:	WB	1:500 - 1:2000
	IHC-P	1:50 - 1:200
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

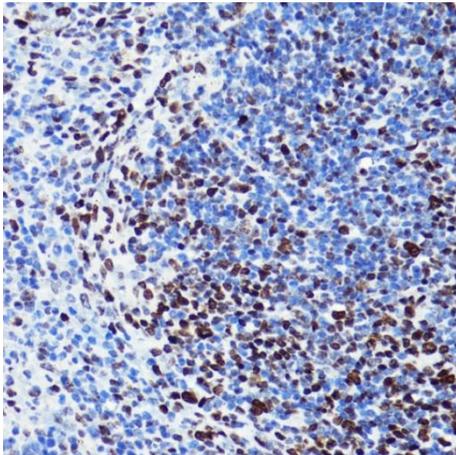
Validation Data



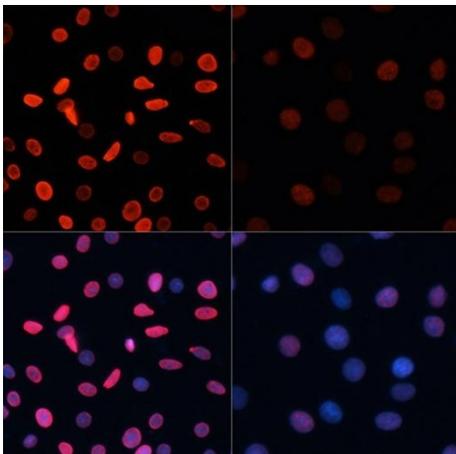
Western blot analysis of various lysates using Acetyl-Histone H2B- Rabbit pAb (CAB15621) at 1:1000 dilution. NIH/3T3 cells were treated with TSA (1 µM) at 37°C for 18 hours. cells were treated with TSA (1 µM) at 37°C for 18 hours Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



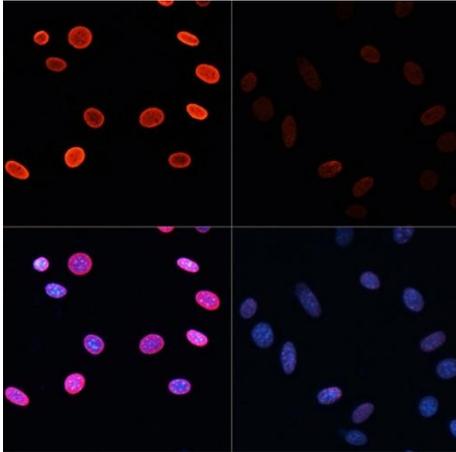
Immunohistochemistry analysis of paraffin-embedded Rat spleen using Acetyl-Histone H2B- Rabbit pAb (CAB15621) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using Acetyl-Histone H2B- Rabbit pAb (CAB15621) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of cells using Acetyl-Histone H2B- Rabbit pAb (CAB15621) at dilution of 1:100. cells were treated with TSA (1 uM) at 37°C for 18 hours. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H2B- Rabbit pAb (CAB15621) at dilution of 1:100. NIH/3T3 cells were treated with TSA (1 μ M) at 37°C for 18 hours. Blue: DAPI for nuclear staining.