

Acetyl-Histone H4-K91 Antibody

CAB7409

Description

This Acetyl-Histone H4-K91 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: CAB7409

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: H4, H4/n, H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4F2, H4FN, F0108, H4-16, H4C11, H4C12, H4C13, H4C15, H4C16, HIST2H4, HIST2H4A, Acetyl-Histone H4-K91

Clone: -

Applications: WB IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID: 8359

Uniprot: AB_2767940

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 17kDa

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.

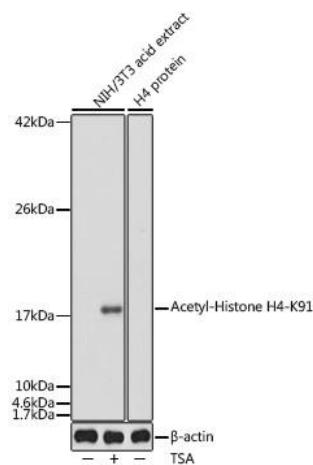
Positive Sample: NIH/3T3 treated with TSA

Recommended Dilutions:

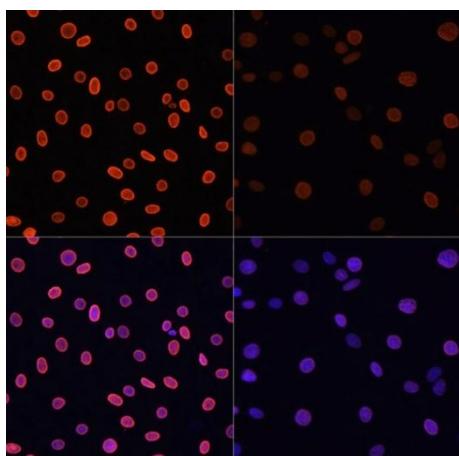
WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

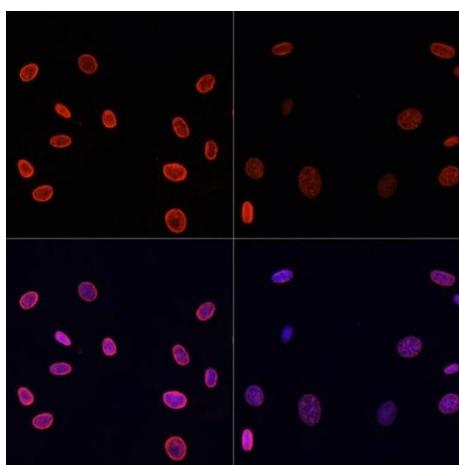
Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Acetyl-Histone - Rabbit pAb (CAB7409) at 1:1000 dilution. NIH/3T3 cells were treated with TSA (1 uM) 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% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 300s.



Immunofluorescence analysis of cells using Acetyl-Histone - Rabbit pAb (CAB7409) 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 - Rabbit pAb (CAB7409) at dilution of 1:100. NIH/3T3 cells were treated with TSA (1 uM) at 37°C for 18 hours. Blue: DAPI for nuclear staining.