Acetyl-Histone H3-K36 Antibody

CAB16077

Description

This Acetyl-Histone H3-K36 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:	CAB16077
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	H3t, H3.4, H3/g, H3FT, H3C16, HIST3H3, Acetyl-Histone H3-K36
Clone:	-
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID:	8290 8350
Uniprot:	AB_2763518
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	17 kDa
Calculated MW:	15 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

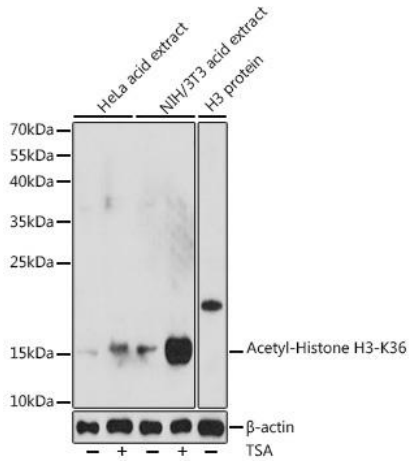
Positive Sample: HeLa treated with TSA, NIH/3T3 treated with TSA

Recommended Dilutions:

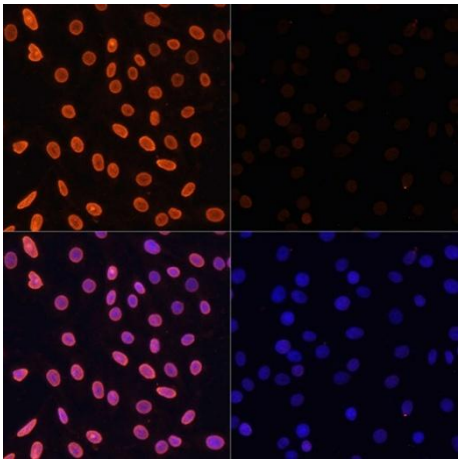
WB	1:500 - 1:1000
IF/ICC	1:50 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 - Rabbit pAb (CAB16077) at 1:1000 dilution. HeLa cells and 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: 90s.



Immunofluorescence analysis of cells using Acetyl-Histone - Rabbit pAb (CAB16077) at dilution of 1:100. cells were treated with TSA (1 uM) at 37°C for 18 hours. Blue: DAPI for nuclear staining.