

**Anti-Histone H3 (AcK18) Antibody**  
**Rabbit polyclonal antibody to Histone H3 (AcK18)**  
**Catalog # AP60311**

## Specification

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### Anti-Histone H3 (AcK18) Antibody - Product Information

Application	WB, IF
Primary Accession	<a href="#">P68431</a> , <a href="#">Q71DI3</a> , <a href="#">P84243</a>
Other Accession	<a href="#">P68433</a> , <a href="#">P84228</a> , <a href="#">P84244</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal

### Anti-Histone H3 (AcK18) Antibody - Additional Information

#### Other Names

HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3

#### Target/Specificity

Recognizes endogenous levels of Histone H3 (AcK18) protein.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)

IF~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)

#### Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### Anti-Histone H3 (AcK18) Antibody - Protein Information

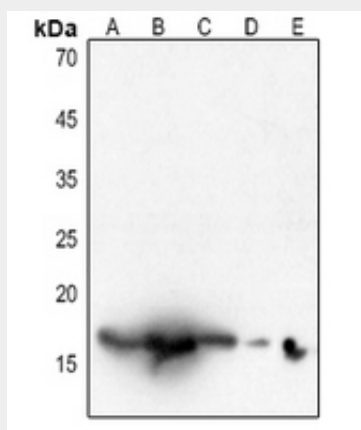
### Anti-Histone H3 (AcK18) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

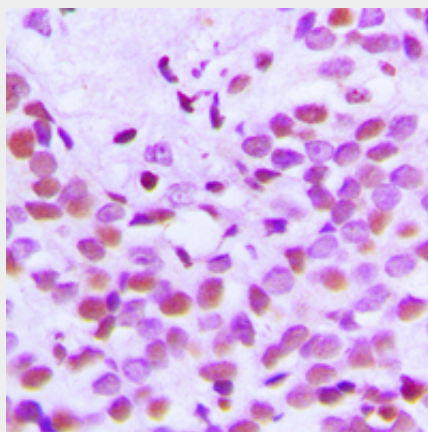
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

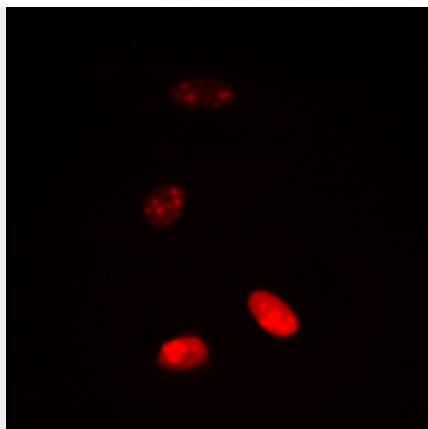
#### Anti-Histone H3 (AcK18) Antibody - Images



Western blot analysis of Histone H3 (AcK18) expression in Hela (A), HGC27 (B), mouse lung (C), mouse liver (D), rat liver (E) whole cell lysates.



Immunohistochemical analysis of Histone H3 (AcK18) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Histone H3 (AcK18) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

#### **Anti-Histone H3 (AcK18) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H3 (AcK18). The exact sequence is proprietary.