

# Histone H3 (Acetyl Lys36) Rabbit mAb (AR1957)

## Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA, CHIP, Cut&Tag
Isotype:	IgG, Kappa
MW:	15kDa (Calculated) 17kDa (Observed)

## Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200
CHIP	1:50-1:100
Cut&Tag	1:50-1:100

**Storage** -15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality Monoclonal

## Immunogen Information

Specificity Endogenous

## Target Information

Gene name HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3F3B

Protein Name Histone H3.1/Histone H3.2/Histone H3.3

Organism	Gene ID	UniProt ID
Human	8350; 8351; 8352; 8353; 8354; 8355; 8356; 8357; 8358; 8968	P68431; Q71DI3; P84243
Mouse	319152; 15077; 15078	P68433

Rat

291159; 100361558

Q6LED0; P84245

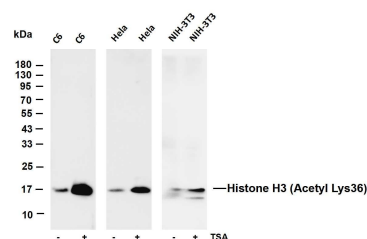
Cellular Localization

Nucleus. Chromosome.

Tissue specificity

Blood, Epithelium, Kidney, Lung, Ovary, Spleen, Uterus.

## Validation Data



Lane 1: C6

Lane 2: C6 was treated with Trichostatin A (500 ng/mL)

Lane 3: HeLa

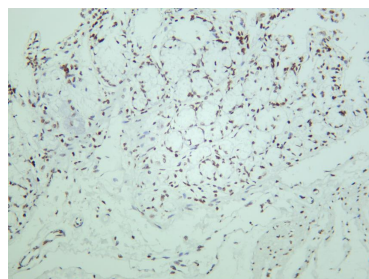
Lane 4: HeLa was treated with Trichostatin A overnight

Lane 5: NIH-3T3

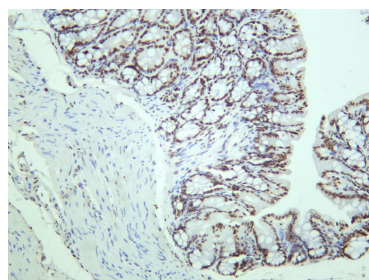
Lane 6: NIH-3T3 was treated with Trichostatin A overnight

Predicted band size: 15kDa

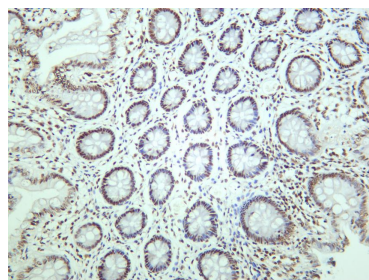
Observed band size: 17kDa



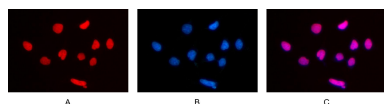
Rat colon was stained with anti-Histone H3 (Acetyl Lys36) rabbit antibody.



Mouse colon was stained with anti-Histone H3 (Acetyl Lys36) rabbit antibody.



Human colon was stained with anti-Histone H3 (Acetyl Lys36) rabbit antibody



Immunofluorescence analysis of HEK293.

Picture A: Histone H3 (Acetyl Lys36) antibody (red).

Picture B: DAPI (blue).

Picture C: Merge of A+B

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