

Histone H3(Phospho Thr3) Rabbit mAb (AR1589)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	15kD (Calculated) 15kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

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

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Phospho-Histone H3 (T3) Antibody detects endogenous levels of Histone H3 protein only when phosphorylated at T3. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): ARtKQ
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Target Information

Gene name	HIST1H3A
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Protein Name

Histone H3.1

Organism

Gene ID

UniProt ID

Human

8350; 8351; 8352;
8353; 8354; 8355;
8356; 8357; 8358;
8968

P68431

Mouse

319152

P68433

Rat

291159

Q6LED0

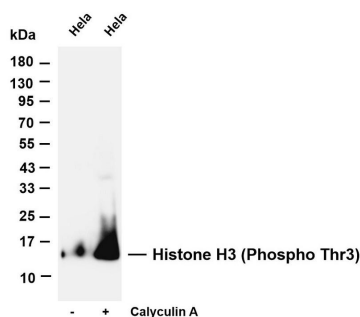
Cellular Localization

Nucleus. Chromosome.

Tissue specificity

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

Validation Data



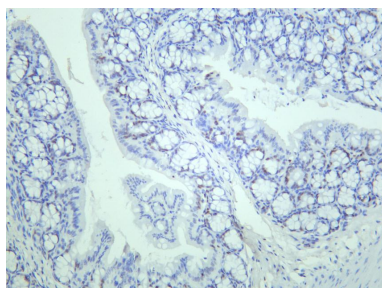
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Histone H3 (Phospho Thr3) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HeLa

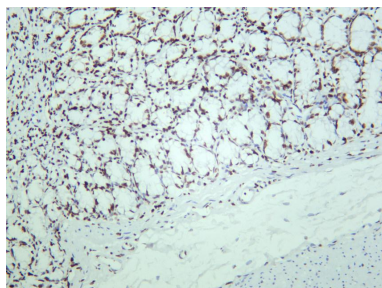
Lane 2: HeLa starved of serum overnight and then treated with 20% fetal bovine serum and Calyculin A (100 nM) for 15 minutes

Predicted band size: 15kDa

Observed band size: 15kDa



Mouse colon was stained with anti-Histone H3 (Phospho Thr3) rabbit antibody



Rat colon was stained with anti-Histone H3 (Phospho Thr3) rabbit antibody

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