

# Anti HIST1H3A Antibody

# Catalog No: tcsa17000

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**Available Sizes** 

**Size:** 100µl

Specifications

# **Application:**

WB, IHC, IF, IP

**Species Reactivity:** Human,Mouse,Rat,Other (Wide Range)

#### **Host Species:**

Rabbit

## Immunogen / Amino acids:

A synthetic methylated peptide corresponding to residues surrounding Arg17 of human histone H3

# **Conjugation:**

Unconjugated

### Isotype:

lgG

# Form: Liquid

### **Storage Buffer:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

#### **Recommended Dilution:**

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:50 - 1:200

**Storage Instruction:** 

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Store at -20C. Avoid freeze / thaw cycles.

#### **Alternative Names:**

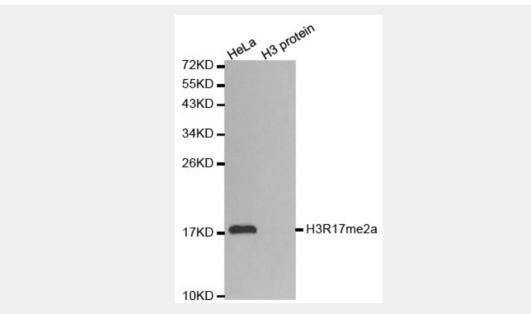
HIST1H3A antibody; Histone H3.1 antibody; Histone H3/a antibody; Histone H3/b antibody; Histone H3/c antibody; Histone H3/d antibody; Histone H3/f antibody; Histone H3/h antibody; Histone H3/i antibody; Histone H3/j antibody</br

#### SwissProt:

P68431

# **Product Description**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.



	H3R2		H3K4		H3R8		H3K9		H3R17		H3R26	
	1009	50n9	10ng	50n9								
me0	0	0	0	0	0	0	0	0	0	0	0	0
me1	0	0	0	0	0	0	0	0	0	0	0	0
me2/ me2a	0	0	0	0	0	0	0	0	0	•	0	0
me3/ me2s	0	0	0	0	0	0	0	0	0	0	0	0
	H3K27		H3K36		H3K56		H3K79		H4R3		H4K20	
me0	0	0	0	0	0	0	0	0	0	0	0	0
me1	0	0	0	0	0	0	0	0	0	0	0	0
me2/ me2a	0	0	0	0	0	0	0	0	0	0	0	0
me3/ me2s	0	0	0	0	0	0	0	0	0	0	0	0

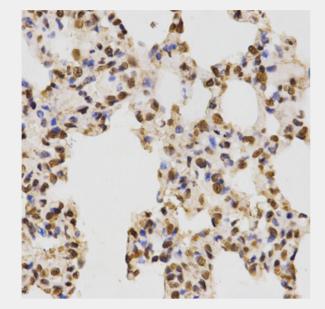
Western blot analysis of extracts of various cell lines, using Asymmetric DiMethyl-Histone H3-R17 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at Dot-blot analysis of all sorts of methylation peptides using Asymmetric DiMethyl-Histone H3-R17 antibody.

1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

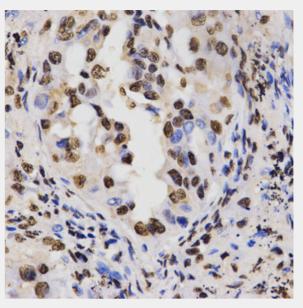
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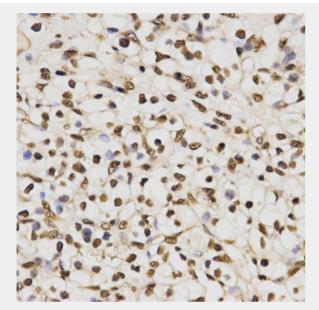
Web: www.taiclone.com Tel: +886-2-2735-9682 Email: order@taiclone.com



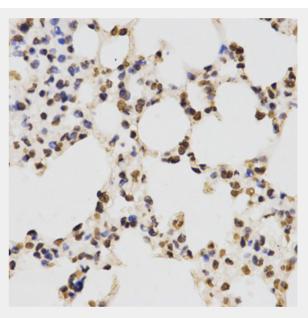
Immunohistochemistry of paraffin-embedded rat lung using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



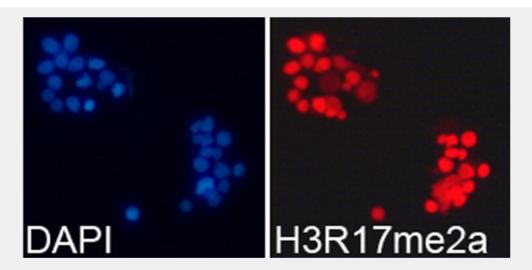
Immunohistochemistry of paraffin-embedded human lung cancer using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human kidney cancer using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of 293T cells using Asymmetric DiMethyl-Histone H3-R17 antibody. Blue: DAPI for nuclear staining.

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