

# Asymmetric DiMethyl-Histone H3-R17 pAb

Catalog No: tcba7472



## Available Sizes

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**Size:** 50ul

**Size:** 100ul

**Size:** 200ul



## Specifications

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**Application:**

WB,IHC,IF,IP

**Research Area:**

Cancer,MAPK pathway,MAPK/p38 pathway,MAPK/ERK pathway,

**Species Reactivity:**

Human,Mouse,Rat,Other (Wide Range)

**Host Species:**

Rabbit

**Isotype:**

IgG

**Form:**

Liquid

**Storage Buffer:**

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:**

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

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**Alternative Names:**

H3/j;H3FJ

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**SwissProt:**

P68431

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**Gene ID:**

8356 (human);

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**Calculated Molecular Weight:**

15kDa

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**Purification:**

Affinity purification

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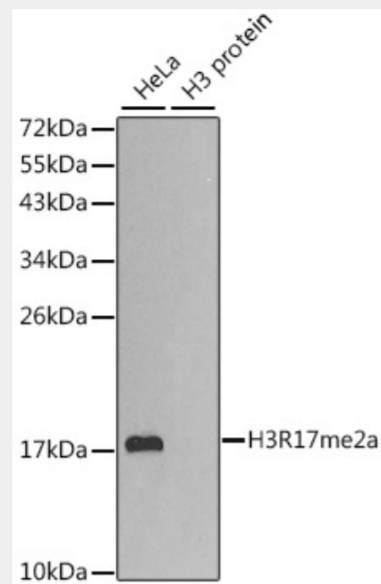
**Cellular Location:**

Chromosome,Nucleus,

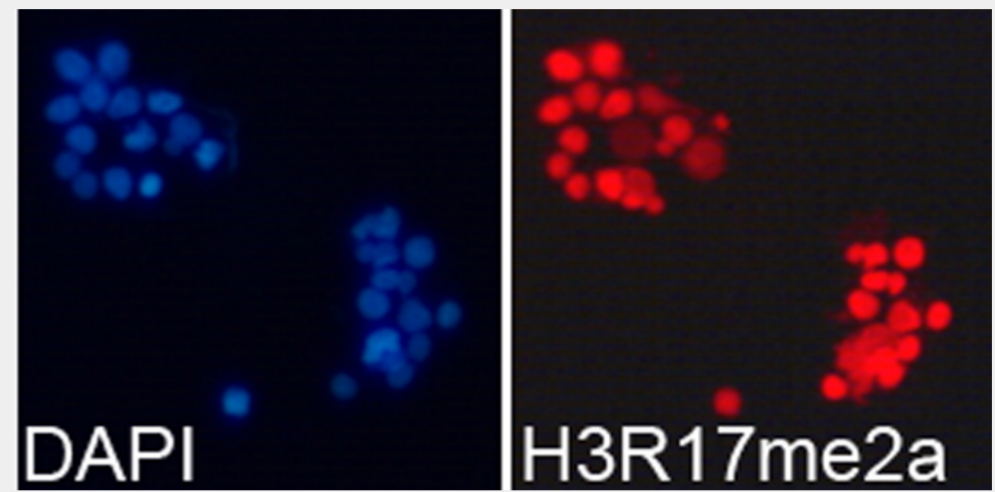
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**Product Description**

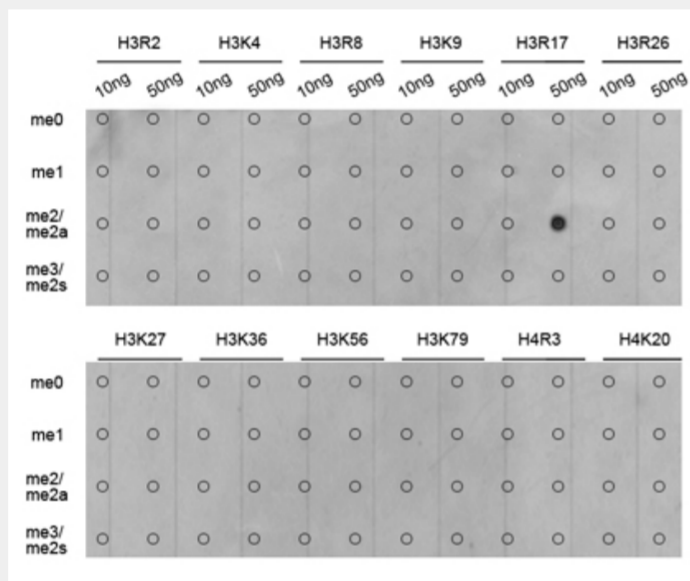
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. 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.



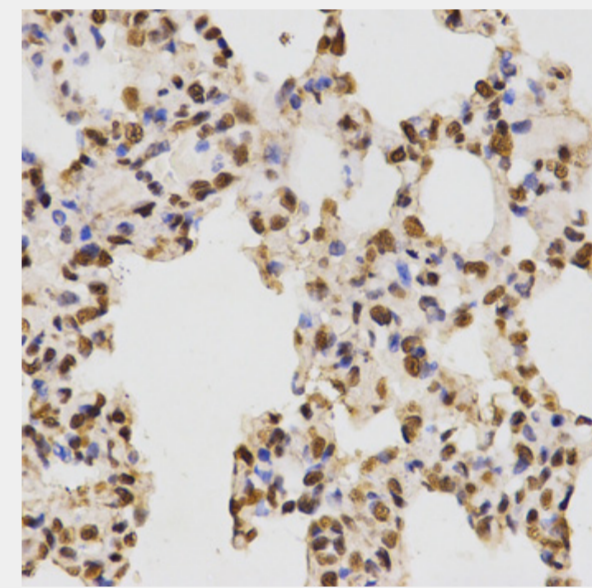
Western blot analysis of extracts of various cell lines, using Asymmetric DiMethyl-Histone H3-R17 antibody.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



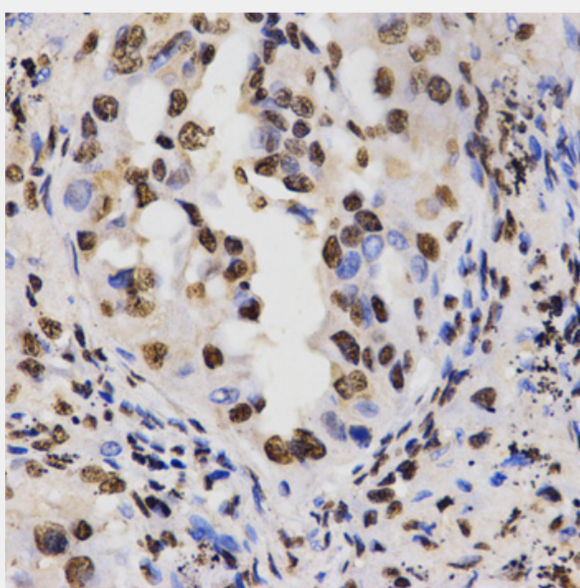
Immunofluorescence analysis of 293T cells using Asymmetric DiMethyl-Histone H3-R17 antibody. Blue: DAPI for nuclear staining.



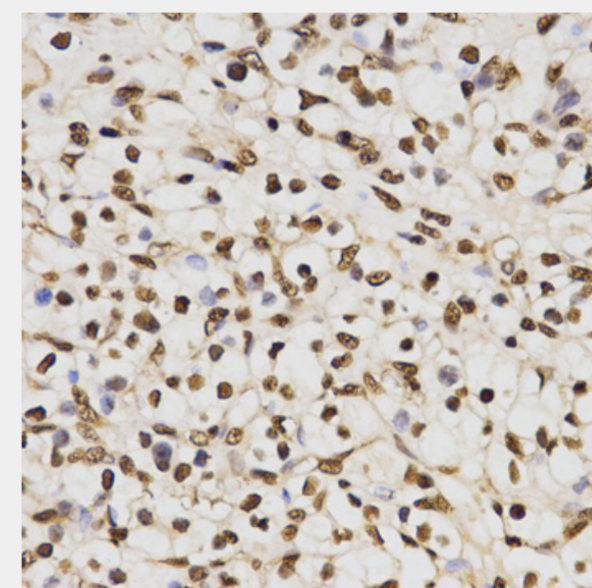
Dot-blot analysis of all sorts of methylation peptides using Asymmetric DiMethyl-Histone H3-R17 antibody.



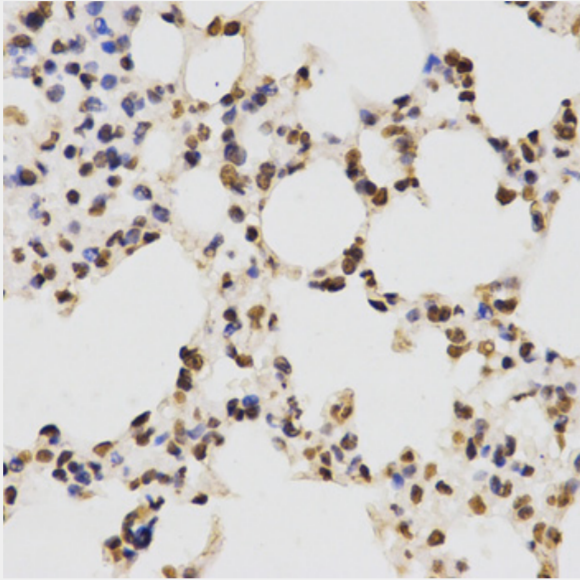
Immunohistochemistry of paraffin-embedded rat lung using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



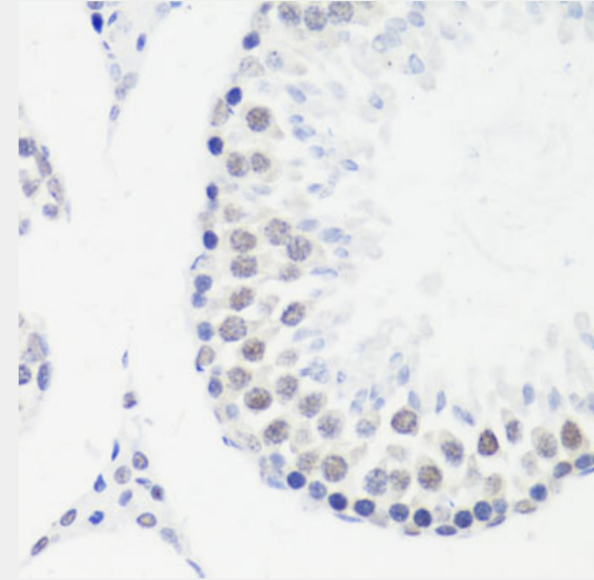
Immunohistochemistry of paraffin-embedded human lung cancer using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



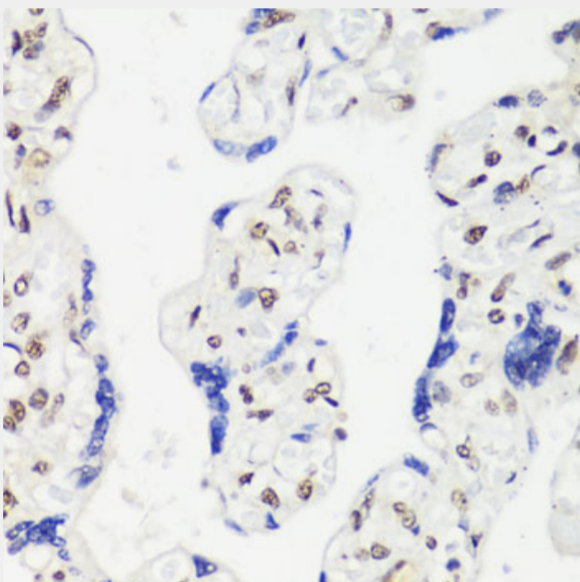
Immunohistochemistry of paraffin-embedded human kidney cancer using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



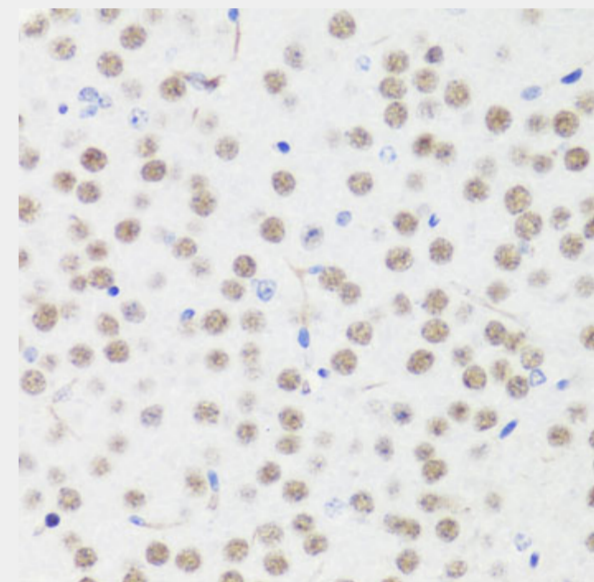
Immunohistochemistry of paraffin-embedded mouse lung using Asymmetric DiMethyl-Histone H3-R17 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using H3R17me2a antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human placenta using H3R17me2a antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using H3R17me2a antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!