



[Go to Product page](#)

Datasheet for ABIN3023283

## anti-Histone 3 antibody (H3R17me)

9 Images

2 Publications

### Overview

Quantity:	100 µL
Target:	Histone 3 (H3)
Binding Specificity:	H3R17me
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	A synthetic methylated peptide corresponding to residues surrounding Arg17 of human histone H3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Methylated Antibodies
Purification:	Affinity purification

### Target Details

Target:	Histone 3 (H3)
Alternative Name:	Histone H3 ( <a href="#">H3 Products</a> )

## Target Details

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**Background:** 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.,HIST1H3J,H3/j,H3FJ,Epigenetics & Nuclear Signaling,Epigenetic Modifications,Methylation,Epigenetics & Nuclear Signaling,Epigenetic Modifications,Methylation,Epigenetics & Nuclear Signaling,Epigenetic Modifications,Methylation,Histone H3

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**Molecular Weight:** 15 kDa

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**Gene ID:** 8356

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**UniProt:** [P68431](#)

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## Application Details

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**Application Notes:** WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Buffer:** PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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**Preservative:** Sodium azide

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**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Handling Advice:** Avoid freeze / thaw cycles

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**Storage:** -20 °C

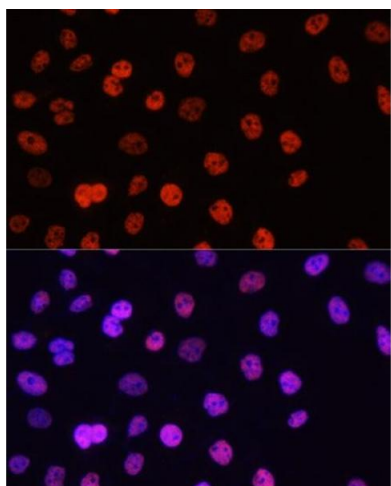
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**Storage Comment:** Store at -20°C. Avoid freeze / thaw cycles.

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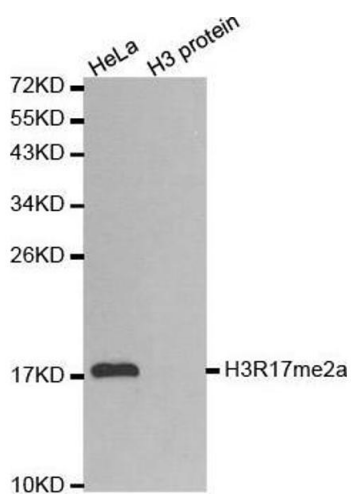
Product cited in: Zhou, Jiang, Dong, Yan, You, Su, Gong: "The proteins interacting with C-terminal of  $\mu$  receptor are identified by bacterial two-hybrid system from brain cDNA library in morphine-dependent rats." in: **Life sciences**, Vol. 143, pp. 156-67, (2016) ([PubMed](#)).

Images



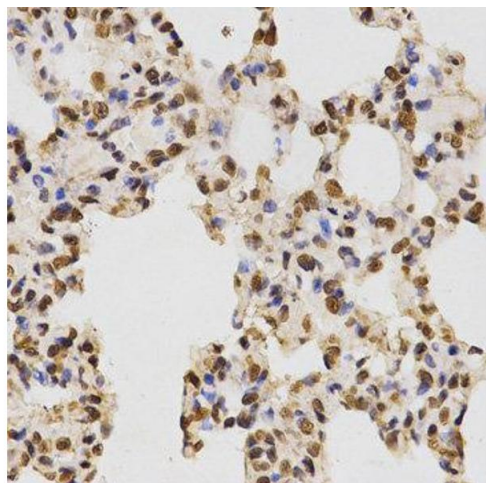
**Immunofluorescence**

**Image 1.** Immunofluorescence analysis of HeLa cells using Asymmetric DiMethyl-Histone H3-R17 antibody (ABIN3023282, ABIN3023283, ABIN3023284 and ABIN6219538) at dilution of 1:100. Blue: DAPI for nuclear staining.



**Western Blotting**

**Image 2.**



**Immunohistochemistry**

**Image 3.**

## Images

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Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3023283.