

## Histone H3K14me1 Polyclonal Antibody

Catalog No: #HW034

Package Size: #HW034-1 50ul #HW034-2 100ul

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## Description

Product Name	Histone H3K14me1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits and were purified by antigen affinity-chromatography.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human H3K14me1
Target Name	Histone H3
Modification	Methyl
Other Names	H3t; H3.4; H3/g; H3FT;
Accession No.	Gene ID: 8290 Swiss Prot: Q16695
SDS-PAGE MW	15kDa
Concentration	1.0mg/ml
Formulation	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C or -80°C. Avoid freeze / thaw cycles.

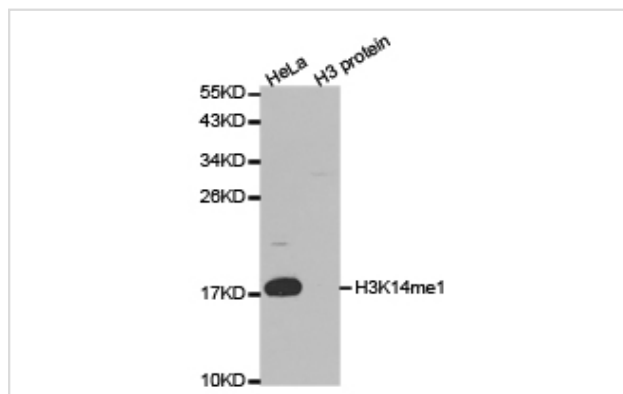
## Application Details

WB 1:500 - 1:2000

IHC 1:50- 1:200

IF 1:20- 1:50

## Images



Western blot analysis of extracts of HeLa and H3 protein, using H3K14me1 antibody.

## Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of

approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.