

Histone H3K14me3 Polyclonal Antibody

Catalog No: #HW036

Package Size: #HW036-1 50ul #HW036-2 100ul

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Description

Product Name	Histone H3K14me3 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	Human;Mouse;Rat
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human H3K14me3
Conjugates	Unconjugated
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.

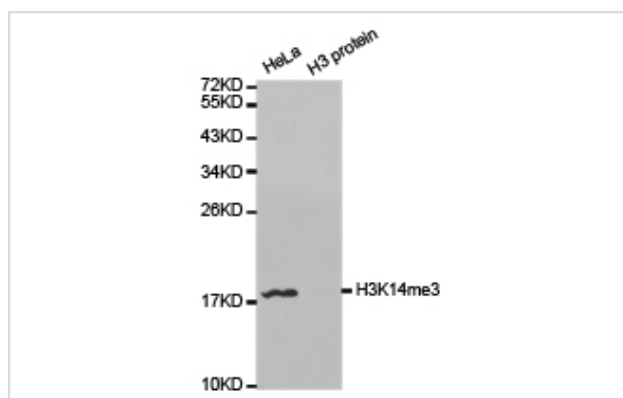
Application Details

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 H3K14me3 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.

Published Papers

el at., A transient ischemic environment induces reversible compaction of chromatin.In Genome Biol
on 2015 Nov 5 by Ina Kirmes, Aleksander Szczurek et al..PMID:26541514, , (2015)

[PMID:26541514](#)

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