#HW035

Histone H3K14me2 Polyclonal Antibody

Catalog: HW035 100μl
Storage: Store at -20℃ or -80℃. Avoid freeze / thaw cycles.

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Support: tech@signalwayantibody.com
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Application	Species Reactivity	Source	Molecular Wt.
WB IHC IF	Hu Mu Rt	Rabbit Polyconal Ab	15kDa

Description: Antibodies were produced by immunizing rabbits and were purified by antigen affinity-chromatography.

Immunogen: A synthetic peptide of human H3K14me2

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

Synonyms: H3t; H3.4; H3/g; H3FT;

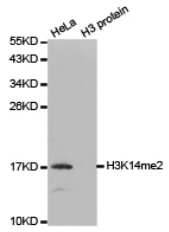
Accession No.: Gene ID: 8290 Swiss Prot: Q16695

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.

Application:

Recommended Dilutions:

WB 1:500 - 1:2000
IHC 1:50- 1:200
IF 1:20- 1:50



Western blot analysis of extracts of HeLa and H3 protein, using H3K14me2 antibody.

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

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