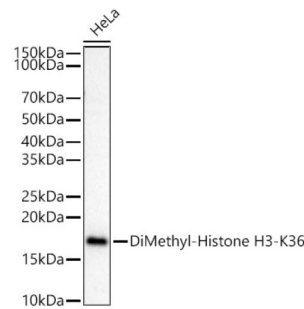
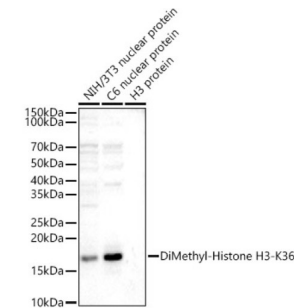


Histone H3K36me2 Antibody

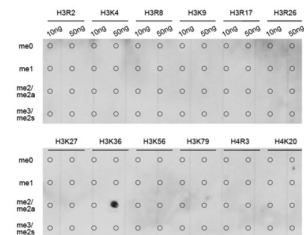
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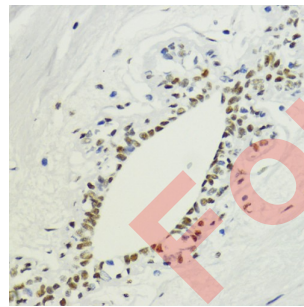
Western blot analysis of lysates from HeLa cells, using DiMethyl-Histone H3-K36 Antibody at 1/600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



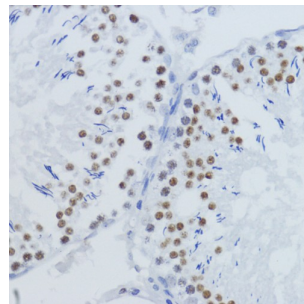
Western blot analysis of various lysates, using DiMethyl-Histone H3-K36 Antibody at 1/600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



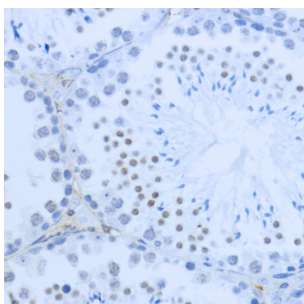
Dot-blot analysis of all sorts of methylation peptides using DiMethyl-Histone H3-K36 antibody.



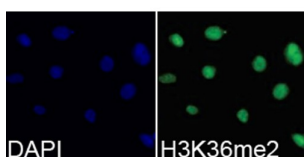
Immunohistochemistry analysis of paraffin-embedded Human breast using DiMethyl-Histone H3-K36 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



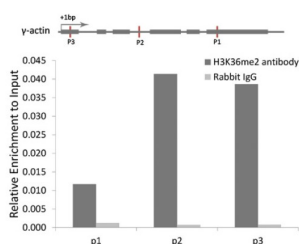
Immunohistochemistry analysis of paraffin-embedded Rat testis using DiMethyl-Histone H3-K36 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using DiMethyl-Histone H3-K36 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of 293T cells using DiMethyl-Histone H3-K36 Antibody. Blue: DAPI for nuclear staining.



Chromatin immunoprecipitation analysis of γ -actin gene from 293 cell line, using DiMethyl-Histone H3-K36 antibody and rabbit IgG. P1, P2 and P3 were probes located on γ -actin gene as the schematic diagram illustrated. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.

Histone H3K36me2 Antibody is a Rabbit Polyclonal antibody against Histone H3K36me2. 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.

Target: Histone H3K36me2

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, IF/ICC, ChIP

Host: Rabbit

Datasheet

Version: 7.0.0
Revision date: 11 Jul 2025



Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200, ChIP: 5 µg antibody per 5 µg - 10 µg of Chromatin, ChIP-seq: 1/20 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Synthetic peptide corresponding to Histone H3K36me2. The exact sequence is proprietary.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q16695 ([UniProt](#), [ExPASy](#))

Gene Symbol: HIST3H3

GeneID: [8290](#)

NCBI Accession: NP_003520.1

KEGG: hsa:8290

String: [9606.ENSP00000355657](#)

Molecular Weight: Calculated MW: 16 kDa
Observed MW: 17 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.