

DiMethyl-Histone H3-K36 Antibody

CAB2365

Description

This DiMethyl-Histone H3-K36 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB2365

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: H3t, H3.4, H3/g, H3FT, H3C16, HIST3H3, DiMethyl-Histone H3-K36

Clone: -

Applications: WB IHC-P IF/ICC ChIP ChIP-seq ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID: 8290 8350

Uniprot: AB_2764325

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 17 kDa

Calculated MW: 15 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

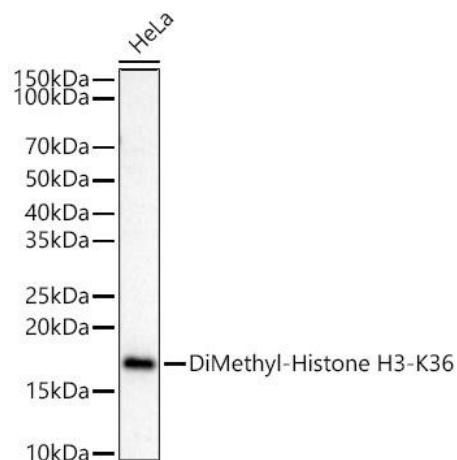
Positive Sample: HeLa, NIH/3T3, C6, H3

Recommended Dilutions:

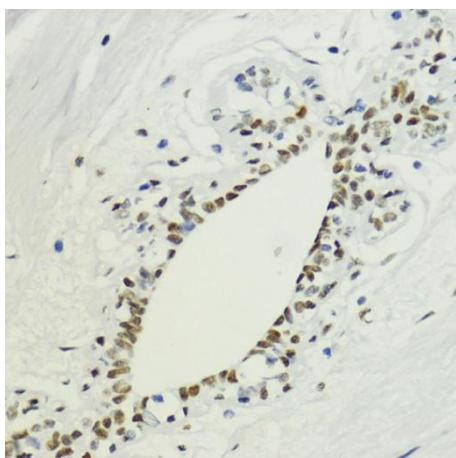
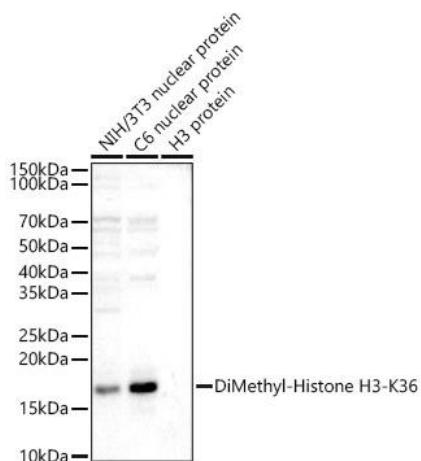
WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP 5µg antibody for 5µg-10µg of Chromatin ChIP-seq 1:20 - 1:100

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

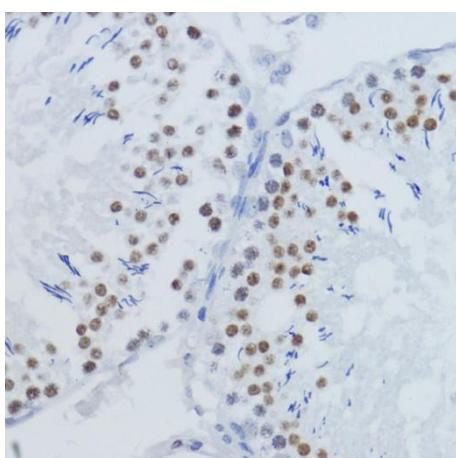
Validation Data



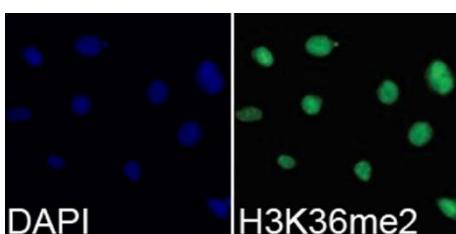
Western blot analysis of lysates from HeLa cells, using DiMethyl-Histone - Rabbit pAb (CAB2365) at 1:600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



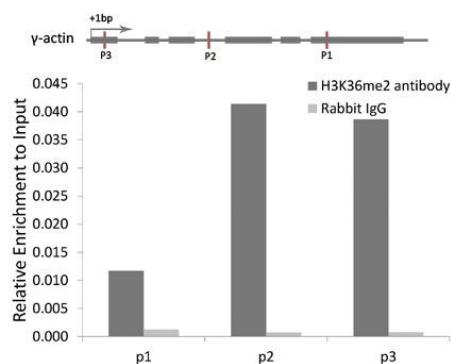
Immunohistochemistry analysis of paraffin-embedded Human breast using DiMethyl-Histone - Rabbit pAb (CAB2365) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using DiMethyl-Histone - Rabbit pAb (CAB2365) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of 293T cells using DiMethyl-Histone - Rabbit pAb (CAB2365). Blue: DAPI for nuclear staining.



Chromatin immunoprecipitation analysis of γ -actin gene from 293 cell line, using DiMethyl-Histone - antibody (CAB2365) and rabbit IgG., and 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.