

TriMethyl-Histone H4-K20 Antibody

CAB2372

Description

This TriMethyl-Histone H4-K20 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: CAB2372

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: H4, H4/n, H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4F2, H4FN, F0108, H4-16, H4C11, H4C12, H4C13, H4C15, H4C16, HIST2H4, HIST2H4A, TriMethyl-Histone H4-K20

Clone: -

Applications: WB IHC-P IF/ICC ELISA DB

Conjugation: Unconjugated

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

Antibody Data

Gene ID: 8359

Uniprot: AB_2764332

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 11kDa

Calculated MW: 11kDa

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.

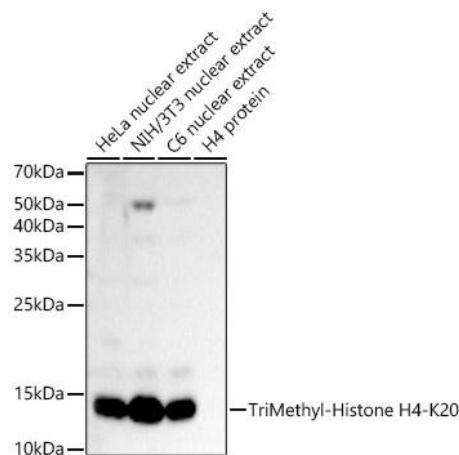
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, NIH/3T3, C6, H4

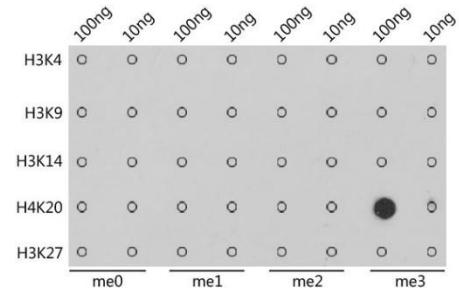
| | | |
|-------------------------------|---------------|---|
| Recommended Dilutions: | WB | 1:500 - 1:2000 |
| | DB | 1:500 - 1:2000 |
| | IHC-P | 1:50 - 1:200 |
| | IF/ICC | 1:50 - 1:200 |
| | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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

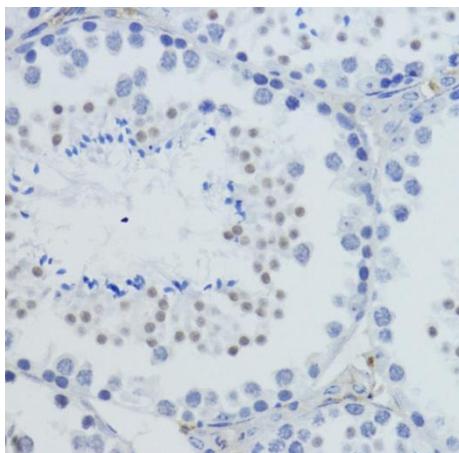
Validation Data



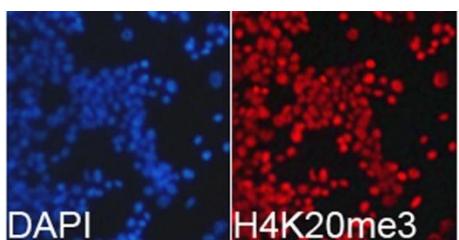
Western blot analysis of various lysates, using TriMethyl-Histone - Rabbit pAb (CAB2372) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Dot-blot analysis of all sorts of methylation peptides using TriMethyl-Histone - antibody (CAB2372).



Immunohistochemistry analysis of paraffin-embedded Mouse testis using TriMethyl-Histone - Rabbit pAb (CAB2372) 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 TriMethyl-Histone - Rabbit pAb (CAB2372). Blue: DAPI for nuclear staining.