

MonoMethyl-Histone H4-K20 Antibody

CAB2370

Description

This MonoMethyl-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: CAB2370

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, MonoMethyl-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_2764330

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 with 0.09% sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

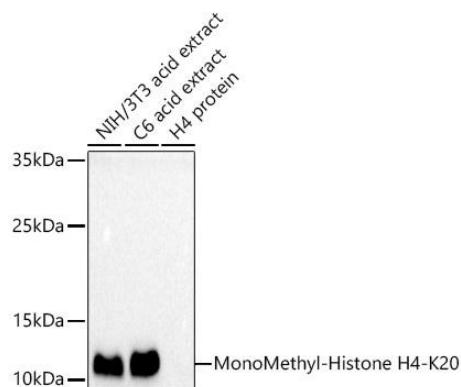
Positive Sample: HeLa acid extract, NIH/3T3 acid extract, C6 acid extract, H4 protein

Recommended Dilutions:

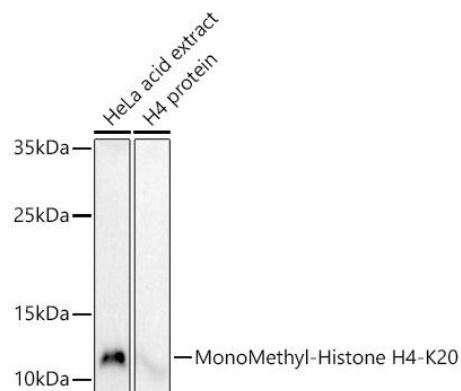
WB	1:500 - 1:1000
DB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

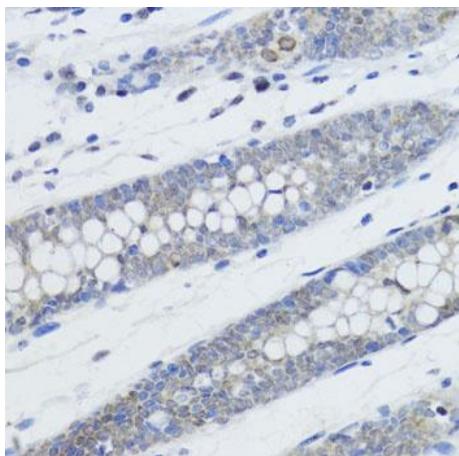
Validation Data



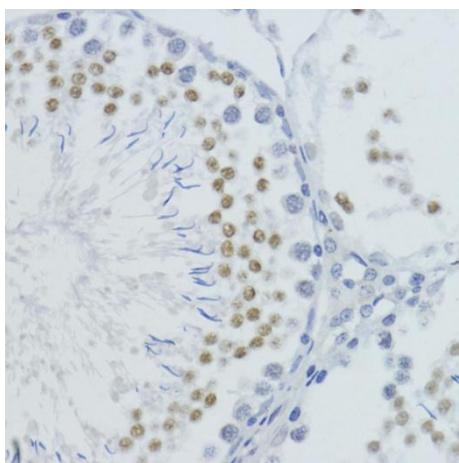
Western blot analysis of various lysates using MonoMethyl-Histone - Rabbit pAb (CAB2370) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



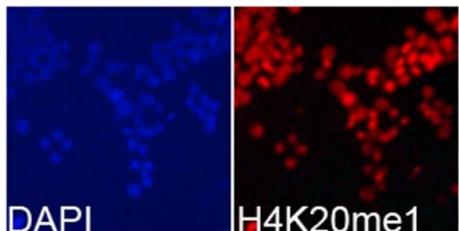
Western blot analysis of various lysates using MonoMethyl-Histone - Rabbit pAb (CAB2370) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human colon using MonoMethyl-Histone - Rabbit pAb (CAB2370) 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 MonoMethyl-Histone - Rabbit pAb (CAB2370) 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 MonoMethyl-Histone - Rabbit pAb (CAB2370). Blue: DAPI for nuclear staining.