10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

HIST1H3/2H3/3H3/H3F3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20340a

Specification

HIST1H3/2H3/3H3/H3F3 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P68431
Other Accession	P02299, P08898, P02302, P02301, Q6NXT2, Q6PI79, P84245, P84246, Q71LE2, P84244, P84243, P84249, Q6PI20, P84247, Q5E9F8, Q27489, Q27532, Q9U281, Q10453, P84233, P84228, Q71DI3, Q4QRF4, P84229, P84227, Q6LED0, P68433, P68432, Q16695, C0HL66, C0HL67, Q5TEC6
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rat, Chicken, Zebrafish, Xenopus, C.Elegans, Drosophila, Pig, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**15404**
Antigen Region	**28-57**

HIST1H3/2H3/3H3/H3F3 Antibody (N-term) - Additional Information

Gene ID 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968

Other Names
Histone H31, Histone H3/a, Histone H3/b, Histone H3/c, Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/i, Histone H3/j, Histone H3/k, Histone H3/l, HIST1H3A, H3FA

Target/Specificity
This HIST1H3/2H3/3H3/H3F3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-57 amino acids from the N-terminal region of human HIST1H3/2H3/3H3/H3F3.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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HIST1H3/2H3/3H3/H3F3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HIST1H3/2H3/3H3/H3F3 Antibody (N-term) - Protein Information

Name H3C1 (HGNC:4766)

Synonyms H3FA, HIST1H3A

Function Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

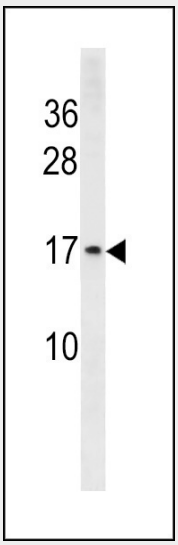
Cellular Location
Nucleus. Chromosome.

HIST1H3/2H3/3H3/H3F3 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HIST1H3/2H3/3H3/H3F3 Antibody (N-term) - Images



HIST1H3/2H3/3H3/H3F3 Antibody (N-term) (Cat. #AP20340a) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the HIST1H3/2H3/3H3/H3F3 antibody detected the

HIST1H3/2H3/3H3/H3F3 protein (arrow).

HIST1H3/2H3/3H3/H3F3 Antibody (N-term) - Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.