

# HIST1H3/2H3/3H3/H3F3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20341b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P68431</a>
<b>Other Accession</b>	<a href="#">P02299</a> , <a href="#">P08898</a> , <a href="#">P02302</a> , <a href="#">P02301</a> , <a href="#">Q6NXT2</a> , <a href="#">Q6PI79</a> , <a href="#">P84245</a> , <a href="#">P84246</a> , <a href="#">Q71LE2</a> , <a href="#">P84244</a> , <a href="#">P84243</a> , <a href="#">P84249</a> , <a href="#">Q6PI20</a> , <a href="#">P84247</a> , <a href="#">Q5E9F8</a> , <a href="#">Q27489</a> , <a href="#">Q27532</a> , <a href="#">Q27490</a> , <a href="#">Q9U281</a> , <a href="#">Q10453</a> , <a href="#">P84233</a> , <a href="#">P84228</a> , <a href="#">Q71DI3</a> , <a href="#">Q4QRF4</a> , <a href="#">P84229</a> , <a href="#">P84227</a> , <a href="#">Q6LED0</a> , <a href="#">P68433</a> , <a href="#">P68432</a>
<b>Reactivity</b>	Human, Mouse
<b>Predicted</b>	Bovine, Rat, Chicken, Zebrafish, Xenopus, C.Elegans, Drosophila, Pig, Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB42496
<b>Antigen Region</b>	97-124

## Additional Information

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<b>Other Names</b>	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
<b>Target/Specificity</b>	This HIST1H3/2H3/3H3/H3F3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-124 amino acids from the C-terminal region of human HIST1H3/2H3/3H3/H3F3.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	HIST1H3/2H3/3H3/H3F3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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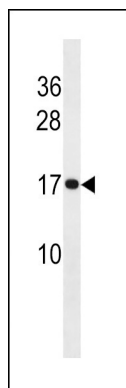
## Background

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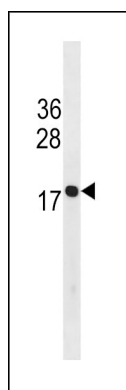
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility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

## Images

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HIST1H3/2H3/3H3/H3F3 Antibody (C-term) (Cat. #AP20341b) 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 (C-term) (Cat. #AP20341b) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the HIST1H3/2H3/3H3/H3F3 antibody detected the HIST1H3/2H3/3H3/H3F3 protein (arrow).

## Citations

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- [First proteome study of sporadic flowering in bamboo species \(\*Bambusa vulgaris\* and \*Dendrocalamus manipureanus\*\) reveal the boom is associated with stress and mobile genetic elements.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.