

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

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20341b

# **Product Information**

Application	WB, E
Primary Accession	<u>P68431</u>
Other Accession	<u>P02299, P08898, P02302, P02301, Q6NXT2, Q6PI79, P84245, P84246, Q71LE2,</u>
	<u>P84244, P84243, P84249, Q6PI20, P84247, Q5E9F8, Q27489, Q27532, Q27490,</u>
	<u>Q9U281, Q10453, P84233, P84228, Q71DI3, Q4QRF4, P84229, P84227,</u>
	<u>Q6LED0, P68433, P68432</u>
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Chicken, Zebrafish, Xenopus, C.Elegans, Drosophila, Pig, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42496
Calculated MW	15404
Antigen Region	97-124

## **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 97-124 amino acids from the C-terminal region of human HIST1H3/2H3/3H3/H3F3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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	HIST1H3/2H3/3H3/H3F3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

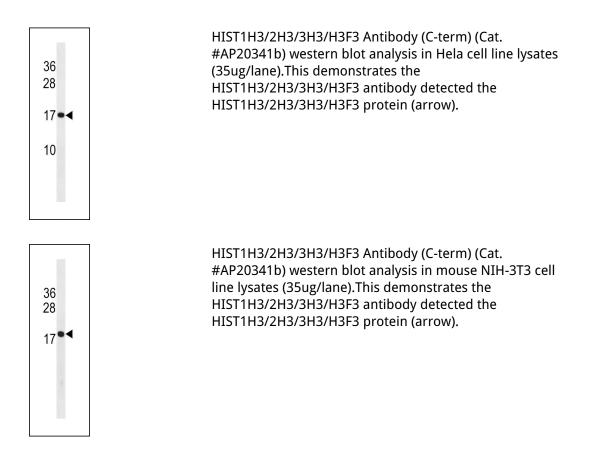
# **Protein Information**

Name	H3C1 ( <u>HGNC:4766</u> )
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.

## Background

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#### Images



## Citations

• 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.

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