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

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20341b

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, Q27490, Q9U281, Q10453, P84233, P84228, Q71DI3, Q4QRF4, P84229, P84227, Q6LED0, P68433, P68432
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Chicken, Zebrafish, Xenopus, C.Elegans, Drosophila, Pig, Rabbit, Canine
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.

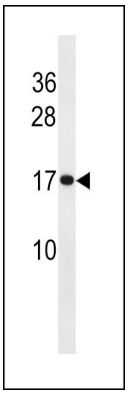
Protein Information

Name	H3C1 (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.

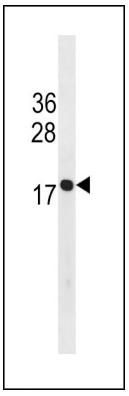
Background

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.

Images



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

- 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'.