

HIST1H1C Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9164c

Product Information

Application	WB, E
Primary Accession	P16403
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21233
Calculated MW	21365
Antigen Region	105-131

Additional Information

Gene ID	3006
Other Names	Histone H12, Histone H1c, Histone H1d, Histone H1s-1, HIST1H1C, H1F2
Target/Specificity	This HIST1H1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-131 amino acids from the Central region of human HIST1H1C.
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	HIST1H1C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	H1-2 (HGNC:4716)
Function	Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Also acts as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation

(By similarity).

Cellular Location

Nucleus. Chromosome. Note=Mainly localizes in euchromatin. Distribution goes in parallel with DNA concentration

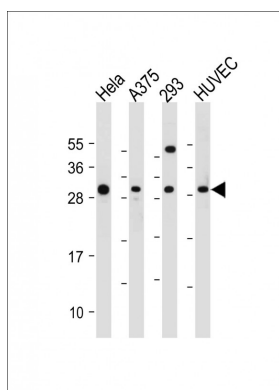
Background

Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.

References

Mayya V., et.al., Sci. Signal. 2:RA46-RA46(2009).

Images



All lanes : Anti-HIST1H1C Antibody (Center) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: A375 whole cell lysate Lane 3: 293 whole cell lysate Lane 4: HUVEC whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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