

Histone H3 (Di Methyl Lys18) rabbit pAb

Cat No.: ES20555

For research use only

Overview

Produc t Name	Histone H3 (Di Methyl Lys18) rabbit pAb
Host species	Rabbit
Applica tions	WB
Species Cross-R eactivit	Human
y Recom mende d dilution	WB: 1:200-500
s Immun ogen	Synthetic Peptide of Histone H3 (Di Methyl Lys18)
Specific ity	The antibody detects endogenous Histone H3 (Di Methyl Lys18) protein.
Formul ation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Protein Name	Store at -20°C. Avoid repeated freeze-thaw cycles. Histone H3.1/Histone H3.2/Histone H3.3
Gene Name	HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G /HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H 3F3B
Cellular localiza tion	Nucleus. Chromosome.
Purifica tion Clonalit	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Polyclonal

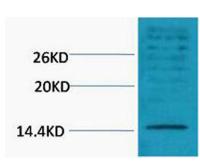


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Human	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Gene	
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Human	P68431/Q71DI3/P84243
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Alterna	H3K18ME2; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC;
tive	HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH;
Names	HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone
	H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; H
Backgr	Histones are basic nuclear proteins that are responsible for the
ound	nucleosome structure of the chromosomal fiber in eukaryotes. This
	structure consists of approximately 146 bp of DNA wrapped around a
	nucleosome, an octamer composed of pairs of each of the four core
	histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted
	through the interaction of a linker histone, H1, with the DNA between the
	nucleosomes to form higher order chromatin structures. This gene is
	intronless and encodes a replication-dependent histone that is a member
	of the histone H3 family. Transcripts from this gene lack polyA tails;
	instead, they contain a palindromic termination element. This gene is
	found in the large histone gene cluster on chromosome 6p22-p21.3.
	[provided by RefSeq, Aug 2015],



Western blot analysis of Hela, diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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