

Histone H3 (Di Methyl Lys10) rabbit pAb

Cat No.:ES1086

For research use only

Overview

ProducHistone H3 (Di Methyl Lys10) rabbit pAbt NameRabbitHostRabbitspeciesWB;IHC;IF;ELISAtionsHuman;Mouse;RatCross-ReactiviteactivitYYWestern Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yettested in other applications.tested in other applications.dJdilutionsrssyKenomSynthesized peptide derived from the N-terminal region of human HistoneogenH3 around the di-methylation site of K10.SpecifiDi-Methyl-Histone H3 (K10) Polyclonal Antibody detects endogenous levelsof Histone H3 protein only when di-methylated at K10.FormulLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.ationstore at -20°C. Avoid repeated freeze-thaw cycles.eHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameHIST1H3A/HIST1H3/HIST1H3/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameF3B/H3F3CCellulaNucleus. Chromosome.rIccalizationTsomosome.		
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Cellula Nucleus. Chromosome. r localiza tion	Gene	HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3
tion	r	
Purific The antibody was affinity-purified from rabbit antiserum by	Purific	The antibody was affinity-purified from rabbit antiserum by



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otion	affinity chromatography using onitono specific immunogon
ation Clonali	affinity-chromatography using epitope-specific immunogen. Polyclonal
	Polycional
ty	1
Concen	1 mg/ml
tration	1740
Observ	17kD
ed	
band	
Human	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968/126961/33393
Gene	2/653604/3020/3021/440093
ID	
Human	P68431/Q71DI3/P84243/Q6NXT2
Swiss-P	
rot	
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r	
Alterna	H3K10ME2; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D;
tive	H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H;
Names	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],

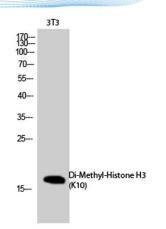


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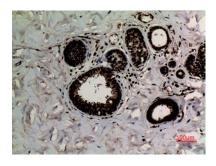
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Western Blot analysis of NIH-3T3 cells using Di-Methyl-Histone H3 (K10) Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:100



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