

## 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.		
speciesWB;IHC;IF;ELISAtionsHuman;Mouse;RatCross-RHuman;Mouse;RateactivitWestern Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yetrendetested in other applications.dInterplete 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 levelscityof 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.eProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameHIST1H3A/HIST1H3/HIST1H3/HIST2H3A/HIST2H3C/HIST2H3D/HIST2H3D/HIST3A/H3F3B/H3F3CCellulaNucleus. Chromosome.rrIocalizationT		Histone H3 (Di Methyl Lys10) rabbit pAb
ApplicaWB;IHC;IF;ELISAtionsSpeciesHuman;Mouse;RatCross-ReactivitYRecomWestern Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yettested in other applications.ddilutionsImmunSynthesized 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 levelscityof Histone H3 protein only when di-methylated at K10.FormulLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.ationStoragStore at -20°C. Avoid repeated freeze-thaw cycles.eProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameGeneHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameHIST1H3A/HIST1H3/HIST1H3J/HIST2H3A/		Rabbit
Cross-R eactivityRecomWestern Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.ddilutionsImmunSynthesized peptide derived from the N-terminal region of human Histone ogen H3 around the di-methylation site of K10.SpecifiDi-Methyl-Histone H3 (K10) Polyclonal Antibody detects endogenous levels of Histone H3 protein only when di-methylated at K10.FormulLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.ationStoragStore at -20°C. Avoid repeated freeze-thaw cycles.eProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameGeneHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/ HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3 F3B/H3F3CCellulaNucleus. Chromosome.rlocalization	Applica	WB;IHC;IF;ELISA
Recom mendeWestern Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.ddilutionsImmunSynthesized peptide derived from the N-terminal region of human Histone H3 around the di-methylation site of K10.SpecifiDi-Methyl-Histone H3 (K10) Polyclonal Antibody detects endogenous levels of 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.ProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/ HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIS	Cross-R	Human;Mouse;Rat
ImmunSynthesized 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 levelscityof 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.PProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameF3B/H3F3CCellulaNucleus. Chromosome.rIocalizationIocaliza	Recom mende d	
ogenH3 around the di-methylation site of K10.SpecifiDi-Methyl-Histone H3 (K10) Polyclonal Antibody detects endogenous levels of Histone H3 protein only when di-methylated at K10.FormulLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.ationStoragStore at -20°C. Avoid repeated freeze-thaw cycles.eProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameNameGeneHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/ HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3 F3B/H3F3CCellulaNucleus. Chromosome.rIocaliza tion	ns	
cityof Histone H3 protein only when di-methylated at K10.FormulLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.ationStoragStore at -20°C. Avoid repeated freeze-thaw cycles.eProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameHIST1H3A/HIST1H3/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3 F3B/H3F3CCellulaNucleus. Chromosome.rIocaliza tion		, , , ,
FormulLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.ationStoragStoragStore at -20°C. Avoid repeated freeze-thaw cycles.eProteinProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameNameGeneHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameHIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3F3B/H3F3CNucleus. Chromosome.rIocalizationIocaliza	-	
StoragStore at -20°C. Avoid repeated freeze-thaw cycles.eProteinHistone H3.1/Histone H3.2/Histone H3.3/Histone H3.3CNameGeneHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/ HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3 F3B/H3F3CCellularlocalization	Formul	
NameGeneHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/NameHIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3 F3B/H3F3CCellulaNucleus. Chromosome.rIocaliza tion	Storag	Store at -20°C. Avoid repeated freeze-thaw cycles.
Gene NameHIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/ HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3 F3B/H3F3CCellulaNucleus. Chromosome.rIocaliza tion		Histone H3.1/Histone H3.2/Histone H3.3/Histone H3.3C
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



+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



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	
Numbe	
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],

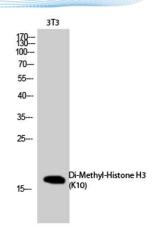


ELKbio@ELKbiotech.com

n www.elkbiotech.com

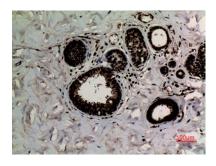
23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C





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



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C