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## Histone H4 (Tri Methyl Lys59) Polyclonal Antibody

HIST2H4; HIST2H4B H4/O H4FO; HIST4H4Protein NameHistone H4ImmunogenSynthetic Peptide of Histone H4 (Tri Methyl Lys59)SpecificityThe antibody detects endogenous Histone H4 (Tri Methyl Lys59) protein.FormulationPBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and Giycerol.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.DilutionWB: 1:500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsH4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4F; H4/C; H4FC; HIST1H4D; H4/B; H4FE; HIST1H4E; H4/J; H4FI; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/D; H4FE; HIST1H4E; H4/J; H4FK; HIST2H4A; H4/N; H4FE; HIST1H4K; H4/D; H4FE; HIST1H4E; H4/J; H4FK; HIST2H4A; H4/N; H4FE; HIST1H4K; H4/D; H4FD; HIST2H4B; H4/O; HIFC; HIST4H4; Histone H4Observed Band14kDCell PathwayNucleus. Chromosome.		
ReactivityHuman;Mouse;RatApplicationsWBGene NameHIST1H4A H4/A H4FA; HIST1H4E H4/I H4FI; HIST1H4C H4/G H4FG; HIST1H4D H4/B H4FB; HIST1H4E H4/I H4FI; HIST1H4C H4/FG; HIST1H4H H4/H H4FH; HIST1H4H H4/I H4FE; HIST1H4H H4/H H4FH; HIST1H4H H4/I H4FE; HIST1H4K H4/D H4FD; HIST1H4E H4/I H4FB; HIST1H4C H4/FC; HIST1H4K H4/D H4FD; HIST1H4L H4/K H4FK; HIST2H4A H4/N H4F2 H4FProtein NameHistone H4ImmunogenSynthetic Peptide of Histone H4 (Tri Methyl Lys59)SpecificityThe antibody detects endogenous Histone H4 (Tri Methyl Lys59) protein.FormulationPBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and Glycerol.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.DilutionWB: 1:500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsH4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4/A; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/J; H4FI; HIST1H4C; H4/A; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/J; H4FK; HIST2H4A; H4/N; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/J; H4FK; HIST2H4A; H4/N; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/J; H4FK; HIST2H4A; H4/N; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/D; H4FD; HIST1H4E; H4/D; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/D; H4FD; HIST1H4E; H4/D; H4FC; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/D; H4FC; HIST1H4K; H4/D; H4FD; HIST2H4A; H4/N; H4FC; HIST1H4E; H4/D; H4FC; HIST1	atalog No	YP-Ab-00805
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Gene NameHIST1H4A H4/A H4FA; HIST1H4B H4/I H4FI; HIST1H4C H4/G H4FG; HIST1H4D H4/B H4/B H4/B; HIST1H4E H4/J H4FI; HIST1H4F H4/C H4FC; HIST1H4H H4/H H4FB; HIST1H4L H4/K H4FK; HIST1H4J H4/E H4FE; HIST1H4K H4/D H4FD; HIST1H4L H4/K H4FK; HIST2H4A H4/N H4FZ H4F HIST2H4; HIST2H4B H4/O H4FO; HIST1H4L H4/K H4FK; HIST2H4A H4/N H4FZ H4F HIST2H4; HIST2H4B H4/O H4FO; HIST4H4Protein NameHistone H4ImmunogenSynthetic Peptide of Histone H4 (Tri Methyl Lys59)SpecificityThe antibody detects endogenous Histone H4 (Tri Methyl Lys59) protein.FormulationPBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and Glycerol.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.DilutionWB: 1:500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsH4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4 H4FC; HIST1H4H; H4/D; H4FC; HIST1H4E; H4/J; H4FI; HIST1H4Z; H4/R; H4FC; HIST1H4A; H4/A; H4FD; HIST1H4E; H4/J; H4FI; HIST1H4A; H4/R; H4FC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/J; H4FI; HIST1H4A; H4/R; H4FC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/J; H4FI; HIST1H4A; H4/R; H4FC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/A; H4FA; HIST1H4E; H4/A; H4FA; HIST1H4E; H4/A; H4FC; H4FC; HAFC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/A; H4FA; HIST1H4E; H4/A; H4FC; HAFC; HAFC; HIST1H4A; H4/A; H4FC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/A; H4FA; HIST1H4E; H4/A; H4FC; HAFC; HIST1H4A; H4/A; H4FC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/A; H4FA; HIST1H4E; H4/A; H4FC; HIST1H4A; H4/A; H4FA; HIST1H4E; H4/A; H4FA; HIST1H4A; H4/A; H4FC; HIST1H4A; H4/A; H4FA; HIST1H	eactivity	Human;Mouse;Rat
HIST1H4DH4/BH4/EH4/JH4/JH4/C <t< td=""><td>pplications</td><td>WB</td></t<>	pplications	WB
ImmunogenSynthetic Peptide of Histone H4 (Tri Methyl Lys59)SpecificityThe antibody detects endogenous Histone H4 (Tri Methyl Lys59) protein.FormulationPBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and Glycerol.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.DilutionWB: 1:500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsH4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4 H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FI; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/D; H4FB; HIST1H4E; H4/J; H4FG; HIST1H4F; H4/C; H4FE; HIST1H4H; H4/D; H4FD; HIST1H4E; H4/J; H4FG; HIST1H4F; H4/C; H4FE; HIST1H4H; H4/D; H4FD; HIST1H4E; H4/D; H4FC; HIST2H4A; H4/N; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4E; H4/D; H4FC; HIST2H4A; H4/N; H4FE; HIST1H4K; H4/D; H4FD; HIST2H4A; H4/N; H4FE; HIST1H4E; H4/D; H4FO; HIST2H4A; H4/N; H4FE; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4B; H4/O; H4FO; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4B; H4/O; H4FO; HIST2H4A; H4/N; H4FD; HIST2H4A; H4/N; H4FD; HIST2H4B; H4/O; H4FO; HIST2H4A; H4/N; <br< td=""><td>ene Name</td><td>HIST1H4D H4/B H4FB; HIST1H4E H4/J H4FJ; HIST1H4F H4/C H4FC; HIST1H4H H4/H H4FH; HIST1H4I H4/M H4FM; HIST1H4J H4/E H4FE; HIST1H4K H4/D H4FD: HIST1H4L H4/K H4FK: HIST2H4A H4/N H4F2 H4FN</td></br<>	ene Name	HIST1H4D H4/B H4FB; HIST1H4E H4/J H4FJ; HIST1H4F H4/C H4FC; HIST1H4H H4/H H4FH; HIST1H4I H4/M H4FM; HIST1H4J H4/E H4FE; HIST1H4K H4/D H4FD: HIST1H4L H4/K H4FK: HIST2H4A H4/N H4F2 H4FN
Specificity       The antibody detects endogenous Histone H4 (Tri Methyl Lys59) protein.         Formulation       PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and Glycerol.         Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.         Dilution       WB: 1:500-1000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       H4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4FE; HIST1H4C; H4FE; HIST1H4D; H4/D; H4FB; HIST1H4F; H4/C; H4FE; HIST1H4H; H4/N; H4FD; HIST1H4F; H4/C; H4FE; HIST1H4H; H4/N; H4FD; HIST1H4H; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST1H4H; H4/N; H4FD; HIST1H4H; H4/N; H4FE; HIST2H4A; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST2H4A; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST2H4A; H4/N; H4FE; HIST2H4A; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST1H4H; H4/N; H4FE; HIST2H4A; H4/N; H4FE; HIST2H4A; H4/N; H4FE; HIST2H4A; H4/N	rotein Name	Histone H4
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Storage Stability-20°C/1 yearSynonymsH4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4 H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK; HIST2H4A; H4/N; H4F2; H4FN; HIST2H4; HIST2H4B; H4/O; H4FO; HIST4H4; Histone H4Observed Band14kDCell PathwayNucleus. Chromosome.	oncentration	1 mg/ml
SynonymsH4K59ME3; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4 H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK; HIST2H4A; H4/N; H4F2; H4FN; HIST2H4; HIST2H4B; H4/O; H4FO; HIST4H4; Histone H4Observed Band14kDCell PathwayNucleus. Chromosome.	urity	≥90%
<ul> <li>H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK; HIST2H4A; H4/N; H4F2; H4FN; HIST2H4; HIST2H4B; H4/O; H4FO; HIST4H4; Histone H4</li> <li>Observed Band 14kD</li> <li>Cell Pathway Nucleus. Chromosome.</li> </ul>	torage Stability	-20°C/1 year
Cell Pathway Nucleus. Chromosome.	ynonyms	H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK; HIST2H4A; H4/N;
	bserved Band	14kD
	ell Pathway	Nucleus. Chromosome.
<b>I issue Specificity</b> B-cell lymphoma,Bone marrow,Brain,Clones donated by HIP,Corpus call	issue Specificity	B-cell lymphoma,Bone marrow,Brain,Clones donated by HIP,Corpus call
into chromatin, limiting DNA accessibility to the cellular machineries which re DNA as a template. Histones thereby play a central role in transcription regul DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, al	unction	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.,PTM:Acetylation at Lys-6,

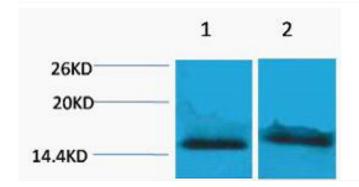


## UpingBio technology Co.,Ltd

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Website: www.upingBio.com Lys-9, Lys-13 and Lys-17 occurs in coding regions of the genome but not in heterochromatin.,PTM:Citrullination at Arg-4 by PADI4 impairs methylation.,PTM:Monomethylated, dimethylated or trimethylated at Lys-21. Monomethylation is performed by SET8. Trimethylation is performed by SUV420H1 and SUV420H2 and induces gene silencing.,PTM:Monomethylation at Arg-4 by PRMT1 favors acetylation at Lys-9 and Lys-13. Demethylation is p Background Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq, Aug 2015], matters needing Avoid repeated freezing and thawing! attention Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of 1) Hela, 2) 3T3, diluted at 1:2000. 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).