Acetyl-Histone H3 (Lys27) Recombinant proteinte antibody Antibodies | ELISA kits | Proteins Uni-rAb Catalog Number:82902-1-RR **1** Publications

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Basic Information	Catalog Number: 82902-1-RR	GenBank Accession Nu BC066245	umber:	Purification Method: Protein A purification						
	Size:	GeneID (NCBI):		CloneNo.: 1M16 Recommended Dilutions: WB 1:2000-1:19600 IHC 1:1000-1:4000 IF/ICC 1:200-1:800						
	100ul , Concentration: 1000 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG									
					15 kDa					
					Applications	Tested Applications:		Positive Cor	itrols:	
						WB, IHC, IF/ICC, Dot Blot, ELISA Cited Applications: WB Species Specificity:		WB: HeLa ce	HeLa cells, HEK-293 cells, Jurkat cells, NIH/3T3 HSC-T6 cells, mouse kidney tissue mouse testis tissue,	
								cells, HSC-T		
			IHC : mouse							
Human, mouse, rat		IF/ICC : HeLa	HeLa cells,							
Cited Species: mouse, rat										
	Note-IHC: suggested antigen r									
	TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0									
Background Information	retrieval may be performed w buffer pH 6.0 Histones are small, highly basic prote protruding from the main structure. H nucleosome structure of the chromoso	ith citrate eins that consist of a glo istone H3 is one of the f omal fiber in eukaryote bund which approximate in DNA compartmental pression and regulation n, and apoptosis. The ab ittranslational modifica	ive main hist s. Two molect ely 146 bp of lization, histo n, DNA repair, pility of histor tions carried	ules of each of the four core histones (H. DNA is wrapped in repeating units, calle nes also play crucial roles in various chromatin condensation, cell cycle nes to regulate chromatin dynamics out by histone-modifying enzymes.						
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Notable Publications	retrieval may be performed w buffer pH 6.0 Histones are small, highly basic prote protruding from the main structure. H nucleosome structure of the chromose H2B, H3, and H4) form an octamer, arc nucleosomes. In addition to their role biologic processes, including gene ex progression, chromosome segregatio primarily originates from various pos Acetyl-Histone H3 (Lys27) is enhance Author Pub Fei-Fei Yang 391 Storage: Storage Storage Buffer:	ith citrate eins that consist of a glo istone H3 is one of the f omal fiber in eukaryote ound which approximatt in DNA compartmental pression and regulation n, and apoptosis. The ab sttranslational modifica r specific mark and play med ID Journa 02466 J Med er shipment.	ive main hist s. Two molect ely 146 bp of lization, histo n, DNA repair, pility of histor titions carried ys positive rol	ones that are responsible for the ules of each of the four core histones (H DNA is wrapped in repeating units, cal nes also play crucial roles in various chromatin condensation, cell cycle nes to regulate chromatin dynamics out by histone-modifying enzymes. le in gene expression.						
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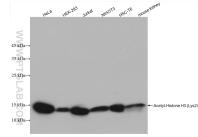
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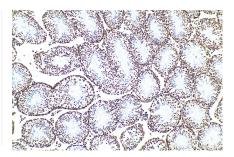
Selected Validation Data



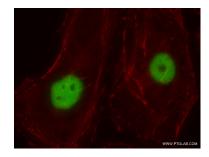
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H3 (Lys27) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/ml.The amount of peptide (ug/mL) spotted is indicated next to each row. Column 1: H3K27ac. Column 3: H3K9ac. Column 4: H3K14ac. Column 5: H3K18ac. Column 6: H3K23ac. Column 7: H3K36ac. Column 6: H4K5ac. Column 9: H4K8ac. Column 10: H4K12ac.



Various cell lysates were subjected to SDS PAGE followed by western blot with 82902-1-RR Acetyl-Histone H3 (Lys27) antibody) at dilution of 1:9800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded mouse testis tissue slide using 82902-1-RR (Acetyl-Histone H3 (Lys27) antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Acetyl-Histone H3 (Lys27) antibody (82902-1-RR, Clone: 1M16) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).