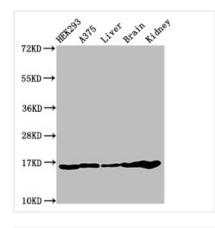






## HIST1H3A (Ab-9) Antibody

H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A  Image		
Uniprot No. P68431  Immunogen Peptide sequence around site of Lys (9) derived from Human Histone H3.1  Raised In Rabbit  Species Reactivity Human, Mouse  Tested Applications ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200  Form Liquid  Conjugate Non-conjugated  Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method Antigen Affinity Purified  Isotype IgG  Clonality Polyclonal  Alias Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/k) (Histone H3/l), HIST1H3B; HIST1H	Product Code	CSB-PA010418PA09nacHU
ImmunogenPeptide sequence around site of Lys (9) derived from Human Histone H3.1Raised InRabbitSpecies ReactivityHuman, MouseTested ApplicationsELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/b) (Histone H3/f) (Histone H3/f) (Histone H3/f) (Histone H3/f) (Histone H3/f); HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3C; HIST1H3B; HIST1H3	Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In Rabbit  Species Reactivity Human, Mouse  Tested Applications  ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200  Form Liquid  Conjugate Non-conjugated  Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method Antigen Affinity Purified  Isotype IgG  Clonality Polyclonal  Alias Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/l), HIST1H3B; HIST1H3B; HIST1H3D; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3F; HIST1H3F; HIST1H3F; HIST1H3F; HIST1H3F; HIST1H3F; HIST1H3H; HIST1H3J, HIST1H3J, HIST1H3D; HIST1H3F; H3FD; H3FB; H3FD; H3FB; H3FF; H3FJ  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A	Uniprot No.	P68431
Tested Applications  ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200  Form  Liquid  Conjugate  Non-conjugated  Storage Buffer  Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method  Antigen Affinity Purified  Isotype  IgG  Clonality  Polyclonal  Alias  Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone	Immunogen	Peptide sequence around site of Lys (9) derived from Human Histone H3.1
Tested Applications  ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200  Form  Liquid  Conjugate  Non-conjugated  Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method  Antigen Affinity Purified  Isotype  IgG  Clonality  Polyclonal  Alias  Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/f) (Histone H3/f) (Histone H3/f) (Histone H3/f) (Histone H3/f); HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3G; HIST1H3J; HIST1H3J; HIST1H3J, H3FA; H3FL; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ  Immunogen Species  Homo sapiens (Human)  Research Area  Epigenetics and Nuclear Signaling  Target Names  HIST1H3A	Raised In	Rabbit
Form Liquid  Conjugate Non-conjugated  Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method Antigen Affinity Purified  Isotype IgG  Clonality Polyclonal  Alias Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/k) (Histone H3/l) (Histone H3/	Species Reactivity	Human, Mouse
ConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/l) (Histone H3/l) (Histone H3/l) (Histone H3/l); (Histone H3/l); HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3G; HIST1H3H; HIST1H3J, H3FA; H3FL; H3FC H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJImmunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H3A	Tested Applications	
Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method Antigen Affinity Purified  Isotype IgG Clonality Polyclonal  Alias Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histon	Form	Liquid
Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method Antigen Affinity Purified  Isotype IgG  Clonality Polyclonal  Alias Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/h) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3J; HIST1H3J, H3FA; H3FL; H3FB; H3FD; H3FB; H3FD; H3FH; H3FK; H3FF; H3FJ  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A	Conjugate	Non-conjugated
Isotype IgG  Clonality Polyclonal  Alias Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/f) (Histone H3/h) (Histone H3/j) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3J, H3FA; H3FL; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A  Image	Storage Buffer	
Clonality Polyclonal  Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3J, H3FA; H3FL; H3FB; H3FB; H3FD; H3FH; H3FK; H3FF; H3FJ  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A	<b>Purification Method</b>	Antigen Affinity Purified
Alias  Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d)  (Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k)  (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E;  HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3J, H3FA; H3FL; H3FC  H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ  Immunogen Species  Homo sapiens (Human)  Research Area  Epigenetics and Nuclear Signaling  HIST1H3A  Image	Isotype	IgG
(Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J, H3FA; H3FL; H3FB; H3FB; H3FD; H3FH; H3FK; H3FF; H3FJ  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A  Image	Clonality	Polyclonal
Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H3A  Image	Alias	(Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J, H3FA; H3FL; H3FC;
Target Names HIST1H3A	Immunogen Species	Homo sapiens (Human)
Image	Research Area	Epigenetics and Nuclear Signaling
	Target Names	HIST1H3A
	Image	Western Blot



Western Blot

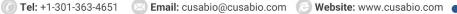
Positive WB detected in: HEK293 cell acid extracts, A375 cell acid extracts, Mouse liver tissue, Mouse brain tissue, Mouse kidney tissue All lanes: HIST1H3A antibody at 1µg/ml Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 16 kDa Observed band size: 16 kDa



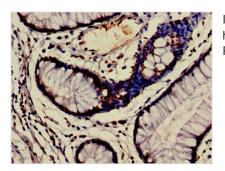




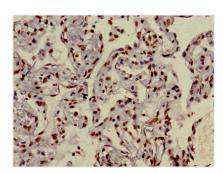




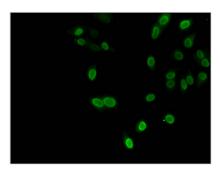




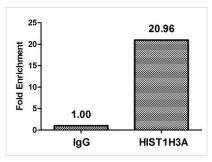
Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA010418PA09nacHU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human lung cancer using CSB-PA010418PA09nacHU at dilution of 1:100



Immunofluorescent analysis of Hela cells using CSB-PA010418PA09nacHU at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Chromatin Immunoprecipitation Hela (4\*10<sup>6</sup>) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5µg anti-HIST1H3A (CSB-PA010418PA09nacHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.