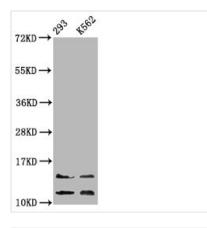






## HIST1H4A (Ab-8) Antibody

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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4J; HIST1H4J; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A  Image		
Uniprot No. P62805  Immunogen Peptide sequence around site of Lys (8) derived from Human Histone H4  Raised In Rabbit  Species Reactivity Human  Tested Applications ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:1-1:10 IF:1:1-1:10  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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4H; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4F H4/A H4FA; H4/I H4FF; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signalling  Target Names HIST1H4A	<b>Product Code</b>	CSB-PA010429OA08nhibHU
ImmunogenPeptide sequence around site of Lys (8) derived from Human Histone H4Raised InRabbitSpecies ReactivityHumanTested ApplicationsELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:1-1:10FormLiquidConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4B; HIST1H4C; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4H; HIST1H4H; HIST1H4H; HIST1H4H; HIST1H4H; HIST1H4F; H4/G H4FG; H4/B H4FB; H4/J H4FD; H4/K H4FC; H4/H H4FH; H4/H H4FM; H4/G H4FG; H4/B H4FB; H4/J H4FB; H4/C H4FC; H4/H H4FH; H4/H H4FM; H4/E H4FE; H4/D H4FB; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;Immunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H4AImage	Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In Rabbit  Species Reactivity Human  Tested Applications ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:1-1:10 IF:1:1-1:10  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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4H; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4B; HIST3H4H; HAFA; H4/I H4FF; H4/I H4FB; H4/I H4/I H4/I H4/I H4/I H4/I H4/I H4/I	Uniprot No.	P62805
Species Reactivity Human  Tested Applications  ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:1-1:10, IF:1:1-1:10  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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4H; HIST1H4J; HIST1H4L; HIST2H4A; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FD; H4/K H4FB; H4/N H4/N	Immunogen	Peptide sequence around site of Lys (8) derived from Human Histone H4
Tested Applications  ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:1-1:10  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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FD; H4/K H4FK; H4/N H4FC; H4/N H4FD; H4/K H4FC; H4/N H4FD; H4/K H4FK; H4/N H4FD; H4/K H4FC; H4/N H4FD; H4/FC; H4/N H4FD; H4/FC; H4/N H4FD; H4/FC; H4/N H4FD; H4/FC; H4/N H4FC; H4/N	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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4HA, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FD; H4/K H4FK; H4/N H4FC; H4/H H4FH; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A  Image	Species Reactivity	Human
ConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4Purification MethodAntigen Affinity PurifiedIsotypeIgGClonalityPolyclonalAliasHistone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FI; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;Immunogen SpeciesHomo sapiens (Human)Research AreaEpigenetics and Nuclear SignalingTarget NamesHIST1H4AImage	Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:1-1:10, IF:1:1-1:10
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 H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4J; HIST1H4L; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species  Homo sapiens (Human)  Research Area  Epigenetics and Nuclear Signaling  Target Names  HIST1H4A  Image	Form	Liquid
Constituents: 50% Glycerol, 0.01M PBS, pH 7.4  Purification Method Antigen Affinity Purified  Isotype IgG  Clonality Polyclonal  Alias Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4H; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A	Conjugate	Non-conjugated
Isotype IgG  Clonality Polyclonal  Alias Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4F; HIST1H4H; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A	Storage Buffer	
Clonality Polyclonal  Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A	<b>Purification Method</b>	Antigen Affinity Purified
Alias  Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species  Homo sapiens (Human)  Research Area  Epigenetics and Nuclear Signaling  Target Names  HIST1H4A	Isotype	IgG
HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;  Immunogen Species Homo sapiens (Human)  Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A Image	Clonality	Polyclonal
Research Area Epigenetics and Nuclear Signaling  Target Names HIST1H4A  Image	Alias	HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D
Target Names HIST1H4A Image	Immunogen Species	Homo sapiens (Human)
Image	Research Area	Epigenetics and Nuclear Signaling
	Target Names	HIST1H4A
^//octorn Dlot	Image	Western Blot



Western Blot

Positive WB detected in: 293 whole cell lysate,

K562 whole cell lysate

All lanes: HIST1H4A antibody at 0.86µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 12 kDa Observed band size: 12, 14 kDa

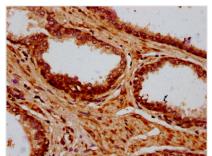
## **CUSABIO TECHNOLOGY LLC**



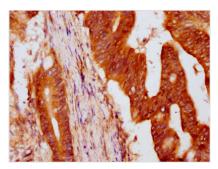




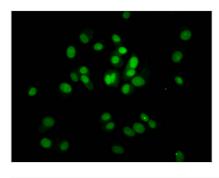




IHC image of CSB-PA010429OA08nhibHU diluted at 1:5 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of CSB-PA010429OA08nhibHU diluted at 1:5 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of MCF-7 cells with CSB-PA010429OA08nhibHU at 1:2.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).