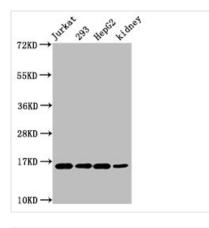






HIST1H3A (Ab-45) Antibody

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 H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/d) (Histone H3/f) (Histone H3/k) (Histone H3/l) (Histone H3/l) (Histone H3/l) (Histone H3/k) (Histone H3/l), HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E;		
Uniprot No. P68431 Immunogen Peptide sequence around site of Thr (45) derived from Human Histone H3.1 Raised In Rabbit Species Reactivity Human, Mouse Tested Applications ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200 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 H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Hist	Product Code	CSB-PA010418OA45nphHU
Immunogen Peptide sequence around site of Thr (45) derived from Human Histone H3.1 Raised In Rabbit Species Reactivity Human, Mouse Tested Applications ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200 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 H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/l), (Histone	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; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200 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 H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Hi	Uniprot No.	P68431
Species Reactivity Human, Mouse ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200 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 H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (His	Immunogen	Peptide sequence around site of Thr (45) derived from Human Histone H3.1
Tested Applications ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200 IF:1:1-1:10 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) (Hi	Raised In	Rabbit
IF:1:1-1:10 Form Liquid Conjugate Non-conjugated Storage Buffer Preservative: 0.03% Proclin 300	Species Reactivity	Human, Mouse
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) (Hist	Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200, 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 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/k) (Histone H3/l), HIST1H3B; HIST1H3B; HIST1H3B; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3G; HIST1H3H; HIST1H3J, H3FA; H3FL; H3FC H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ Immunogen Species Homo sapiens (Human) Research Area Epigenetics and Nuclear Signaling Target Names HIST1H3A	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/f) (Histone H3/h) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3B; HIST1H3B; HIST1H3C; HIST1H3E; HIST1H3F; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3J; HIST1H3J, H3FA; H3FL; H3FC H3FB; H3FD; H3FI; 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; HIST1H3F; HIST1H3F; HIST1H3I; HIST1H3I, HIST1H3J, H3FA; H3FL; H3FC H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ Immunogen Species Homo sapiens (Human) Research Area Epigenetics and Nuclear Signaling Target Names HIST1H3A	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; HIST1H3I; HIST1H3J, H3FA; H3FC H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ Immunogen Species Homo sapiens (Human) Research Area Epigenetics and Nuclear Signaling Target Names HIST1H3A	Purification Method	Antigen Affinity Purified
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/d) (Histone H3/e) (Isotype	IgG
(Histone H3/f) (Histone H3/h) (Histone H3/j) (Histone H3/k) (Histone H3/f), 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 Target Names HIST1H3A	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 Plot



Western Blot

Positive WB detected in: Jurkat whole cell lysate, 293 whole cell lysate, HepG2 whole cell lysate,

Mouse kidney tissue

All lanes: HIST1H3A antibody at 0.64µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

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

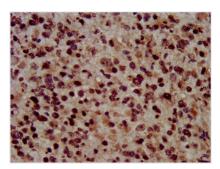
CUSABIO TECHNOLOGY LLC



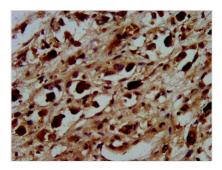




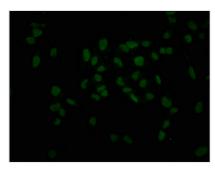




IHC image of CSB-PA010418OA45nphHU diluted at 1:100 and staining in paraffinembedded human glioma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. 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-PA010418OA45nphHU diluted at 1:100 and staining in paraffinembedded human melanoma 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 Hela cells with CSB-PA010418OA45nphHU at 1:5, counterstained 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).