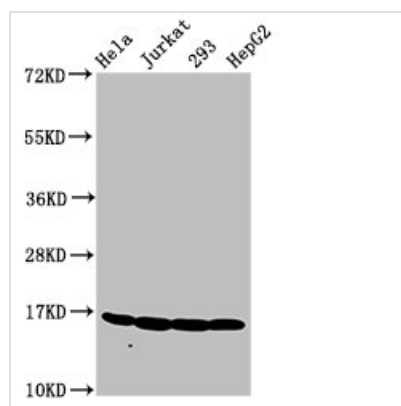




HIST1H3A (Ab-6) Antibody

Product Code	CSB-PA010418OA06nphHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P68431
Immunogen	Peptide sequence around site of Thr (6) derived from Human Histone H3.1
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IP, ChIP; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200, IP:1:200-1:2000
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 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; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H3A

Image



Western Blot

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

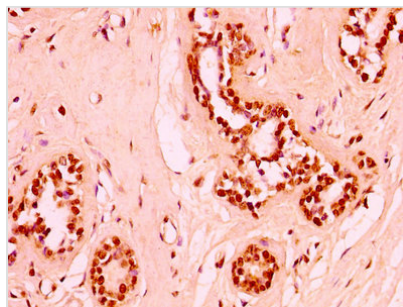
All lanes: HIST1H3A antibody at 1.2µg/ml

Secondary

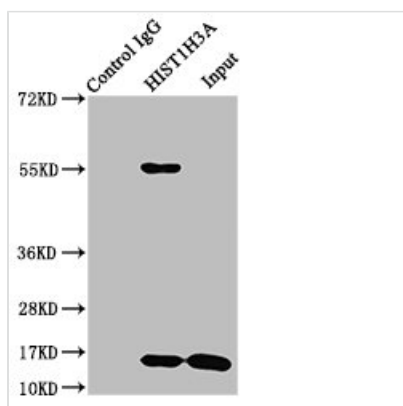
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 16 kDa

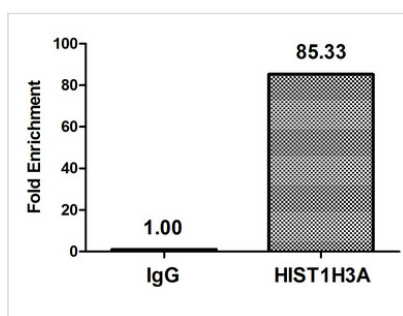
Observed band size: 16 kDa



IHC image of CSB-PA010418OA06nphHU diluted at 1:50 and staining in paraffin-embedded human breast 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.



Immunoprecipitating HIST1H3A in HeLa whole cell lysate
 Lane 1: Rabbit control IgG instead of CSB-PA010418OA06nphHU in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)
 Lane 2: CSB-PA010418OA06nphHU (5μg) + HeLa whole cell lysate (500μg)
 Lane 3: HeLa whole cell lysate (20μg)



Chromatin Immunoprecipitation HeLa (4×10^6) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5μg anti-HIST1H3A (CSB-PA010418OA06nphHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β-Globin promoter.