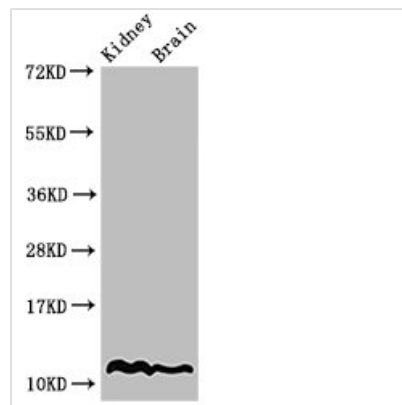




HIST1H4A (Ab-12) Antibody

Product Code	CSB-PA010429PA12nacHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62805
Immunogen	Peptide sequence around site of Lys (12) derived from Human Histone H4
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF, IP, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200, 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 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

Image



Western Blot

Positive WB detected in: Mouse kidney tissue,

Mouse brain tissue

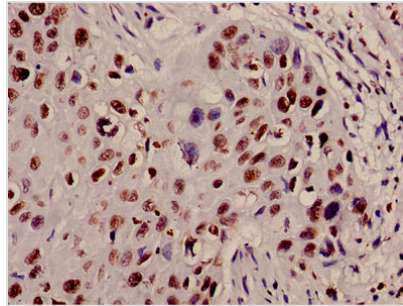
All lanes: HIST1H4A antibody at 2µg/ml

Secondary

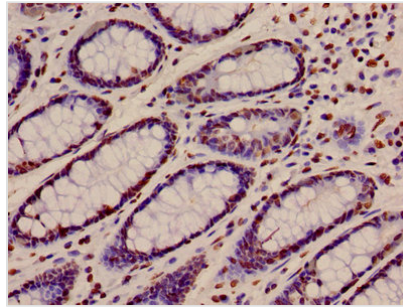
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 12 kDa

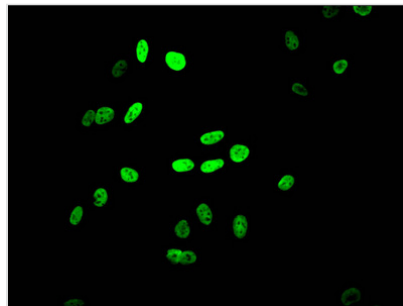
Observed band size: 12 kDa



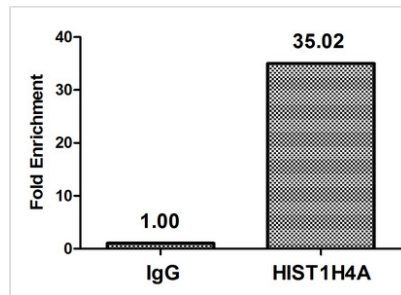
Immunohistochemistry of paraffin-embedded human cervical cancer using CSB-PA010429PA12nacHU at dilution of 1:100



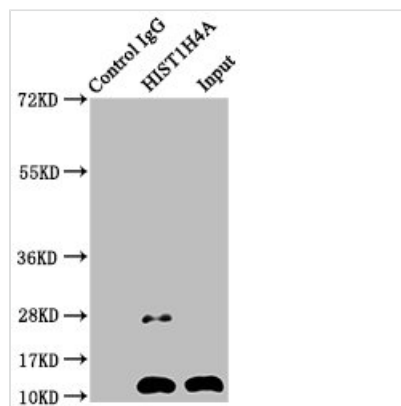
Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA010429PA12nacHU at dilution of 1:100



Immunofluorescent analysis of HeLa cells using CSB-PA010429PA12nacHU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Chromatin Immunoprecipitation HeLa (4×10^6) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with $8 \mu\text{g}$ anti-HIST1H4A (CSB-PA010429PA12nacHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunoprecipitating HIST1H4A in Mouse brain tissue

Lane 1: Rabbit control IgG instead of CSB-PA010429PA12nacHU in Mouse brain tissue. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: CSB-PA010429PA12nacHU ($5 \mu\text{g}$) + Mouse brain tissue ($500 \mu\text{g}$)

Lane 3: Mouse brain tissue ($20 \mu\text{g}$)