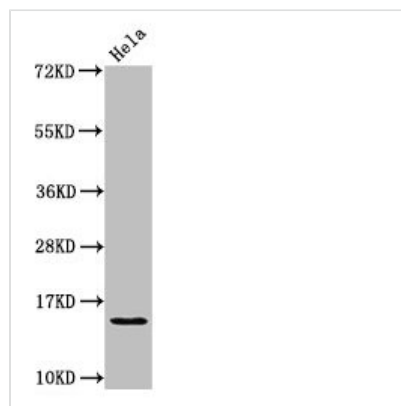




# HIST1H2AG (Ab-36) Antibody

<b>Product Code</b>	CSB-PA010389PA36nachU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P0C0S8
<b>Immunogen</b>	Peptide sequence around site of Lys (36) derived from Human Histone H2A type 1
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IF:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Histone H2A type 1 (H2A.1) (Histone H2A/ptI), HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM, H2AFP; H2AFC; H2AFD; H2AFI; H2AFN
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	HIST1H2AG

## Image



### Western Blot

Positive WB detected in: HeLa whole cell lysate

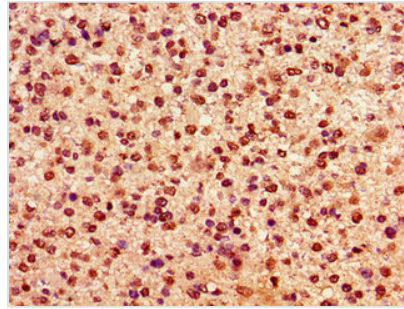
All lanes: HIST1H2AG antibody at 1.25µg/ml

Secondary

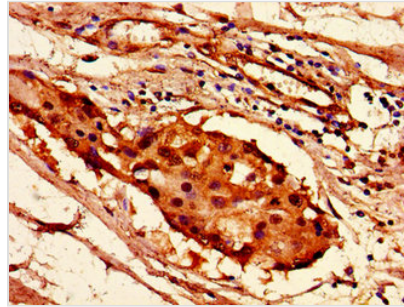
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 15 kDa

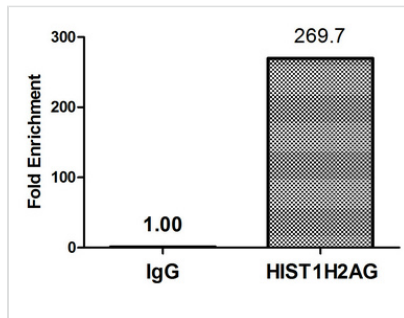
Observed band size: 15 kDa



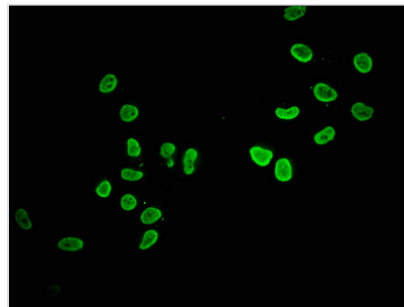
Immunohistochemistry of paraffin-embedded human glioma using CSB-PA010389PA36nacHU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA010389PA36nacHU at dilution of 1:100



Chromatin Immunoprecipitation HeLa ( $4 \times 10^6$ ) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with  $8 \mu\text{g}$  anti-HIST1H2AG (CSB-PA010389PA36nacHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.



Immunofluorescence staining of HeLa cells with CSB-PA010389PA36nacHU at 1:62, 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  $4^\circ\text{C}$ . The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.