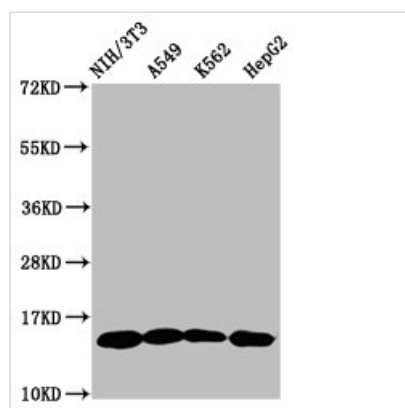




# HIST1H2AG (Ab-118) Antibody

<b>Product Code</b>	CSB-PA010389OA118nme1HU
<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 (118) derived from Human Histone H2A type 1
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IP, ChIP; Recommended dilution: WB:1:100-1:1000, IP:1:200-1:2000
<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/ptl), 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: NIH/3T3 whole cell lysate, A549 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate

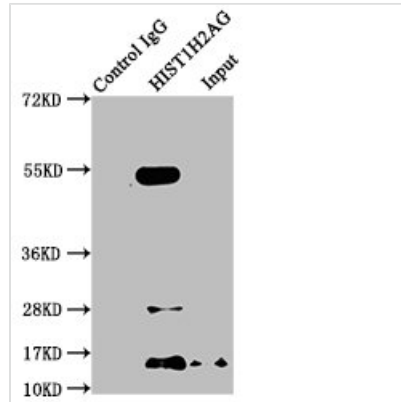
All lanes: HIST1H2AG antibody at 1µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 15 kDa

Observed band size: 15 kDa

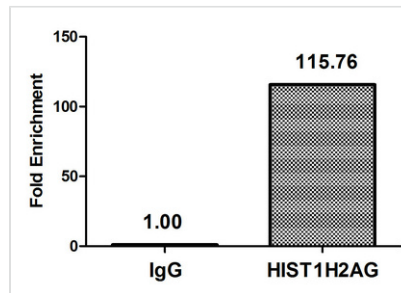


Immunoprecipitating HIST1H2AG in NIH/3T3 whole cell lysate

Lane 1: Rabbit control IgG instead of CSB-PA010389OA118nme1HU in NIH/3T3 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: CSB-PA010389OA118nme1HU (5μg) + NIH/3T3 whole cell lysate (500μg)

Lane 3: NIH/3T3 whole cell lysate (20μg)



Chromatin Immunoprecipitation Hela ( $10^6$ ) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5μg anti-HIST1H2AG (CSB-PA010389OA118nme1HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β-Globin promoter.