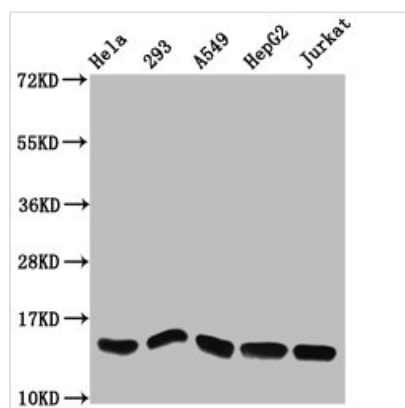




HIST1H2AG (Ab-13) Antibody

Product Code	CSB-PA010389OA13nacHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0C0S8
Immunogen	Peptide sequence around site of Lys (13) derived from Human Histone H2A type 1
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, ChIP; Recommended dilution: WB:1:100-1:1000, IHC:1:10-1:100
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 H2A type 1 (H2A.1) (Histone H2A/ptl), HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM, H2AFP; H2AFC; H2AFD; H2AFI; H2AFN
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H2AG

Image

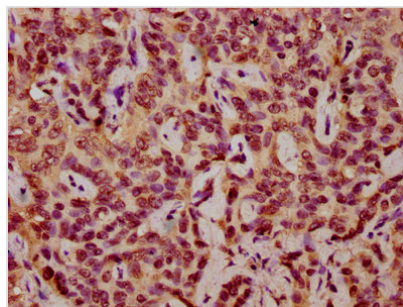


Western Blot

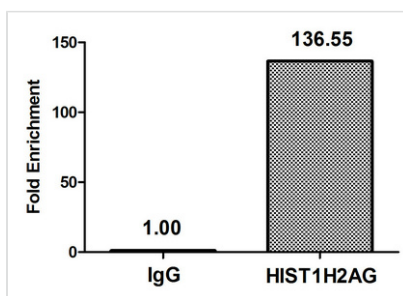
Positive WB detected in: HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate
All lanes: HIST1H2AG antibody at 1.27µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 15 kDa
Observed band size: 15 kDa



IHC image of CSB-PA010389OA13nacHU diluted at 1:10 and staining in paraffin-embedded human liver 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.



Chromatin Immunoprecipitation Hela (4×10^6) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 μ g anti-HIST1H2AG (CSB-PA010389OA13nacHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.