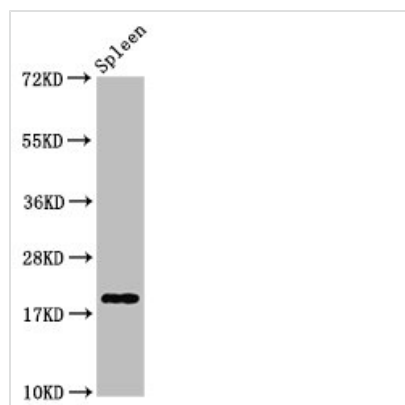




H1F0 (Ab-101) Antibody

Product Code	CSB-PA010087OA101nme1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P07305
Immunogen	Peptide sequence around site of Lys (101) derived from Human Histone H1.0
Raised In	Rabbit
Species Reactivity	Human, Rat
Tested Applications	ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:50-1:500, IHC:1:20-1:200, IF:1:1-1:10
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 H1.0 (Histone H1') (Histone H1(0)) [Cleaved into: Histone H1.0, N-terminally processed], H1F0, H1FV
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	H1F0

Image



Western Blot

Positive WB detected in: Rat spleen tissue

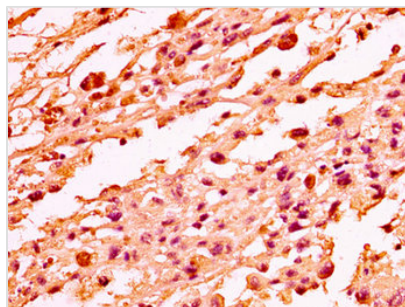
All lanes: H1F0 antibody at 0.85µg/ml

Secondary

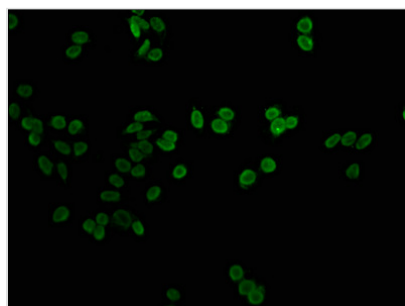
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 21, 20 kDa

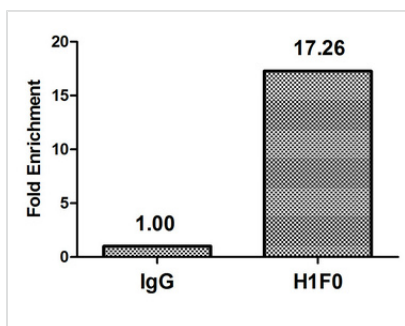
Observed band size: 21 kDa



IHC image of CSB-PA010087OA101nme1HU diluted at 1:50 and staining in paraffin-embedded human melanoma performed on a Leica Bond™ 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.



Immunofluorescence staining of HepG2 cells with CSB-PA010087OA101nme1HU at 1:1, 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°C. The secondary antibody was 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 $5 \mu\text{g}$ anti-H1F0 (CSB-PA010087OA101nme1HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.

Usage

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