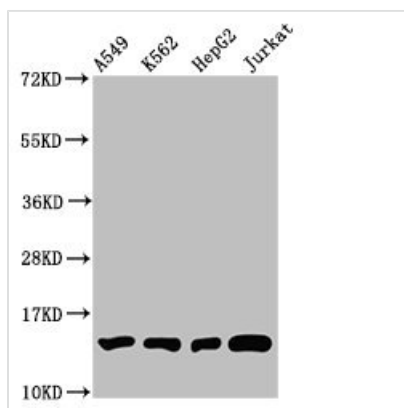




Mono-methyl-HIST1H2BC (K12) Antibody

Product Code	CSB-PA010403OA12me1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62807
Immunogen	Peptide sequence around site of Mono-methyl-Lys (12) derived from Human Histone H2B type 1-C/E/F/G/I
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, ICC, ChIP; Recommended dilution: WB:1:100-1:1000, ICC:1:20-1:200
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 H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.l) (H2B/l), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFK
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H2BC

Image



Western Blot

Positive WB detected in: A549 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate

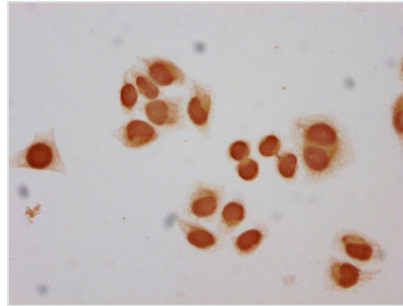
All lanes: HIST1H2BC antibody at 1:100

Secondary

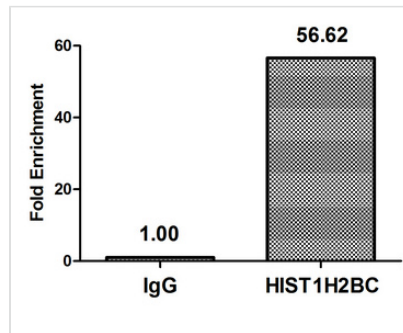
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 14 kDa

Observed band size: 14 kDa



Immunocytochemistry analysis of CSB-PA010403OA12me1HU diluted at 1:30 and staining in HeLa cells performed on a Leica Bond™ system. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and 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 5µg anti-HIST1H2BC (CSB-PA010403OA12me1HU) 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.