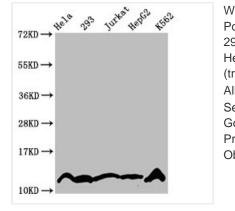


🕜 Tel: +1-301-363-4651 🛛 🖂 Email: cusabio@cusabio.com 📀 Website: www.cusabio.com 🌘

Crotonyl-HIST1H4A (K5) Antibody

Product Code	CSB-PA010429OA05crHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62805
Immunogen	Peptide sequence around site of Crotonyl-Lys (5) derived from Human Histone H4
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IF, IP, ChIP; Recommended dilution: WB:1:100-1:1000, IF:1:50-1:200, IP:1:200-1:2000
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
lsotype	lgG
Clonality	Polyclonal
Alias	Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H4A

Image



Western Blot

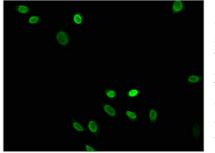
Positive WB detected in: Hela whole cell lysate, 293 whole cell lysate, Jurkat whole cell lysate, HepG2 whole cell lysate, K562 whole cell lysate (treated by 30mM sodium crotonylate for 4h) All lanes: HIST1H4A antibody at 2.2µg/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 12 kDa Observed band size: 12 kDa

1

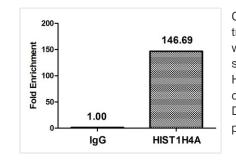


CUSABIO TECHNOLOGY LLC

🕜 Tel: +1-301-363-4651 🛛 🖂 Email: cusabio@cusabio.com 🛛 🥭 Website: www.cusabio.com 🌘



Immunofluorescence staining of Hela cells with CSB-PA010429OA05crHU at 1:75, counterstained 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-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Chromatin Immunoprecipitation Hela $(4*10^6,$ treated with 30mM sodium crotonylate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5µg anti-HIST1H4A (CSB-PA010429OA05crHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.

