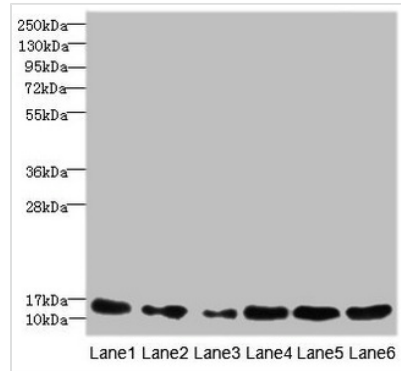




# HIST1H3A Antibody

<b>Product Code</b>	CSB-PA010418ESR1HU
<b>Abbreviation</b>	Histone H3.1
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P68431
<b>Immunogen</b>	Recombinant Human Histone H3.1 protein (1-136AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IHC; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
<b>Relevance</b>	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J, H3FA; H3FL; H3FC; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ
<b>Species</b>	Human
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	HIST1H3A
<b>Image</b>	

**Western blot**All lanes: HIST1H3A antibody at 1.83 $\mu$ g/ml

Lane 1: Mouse liver tissue

Lane 2: Mouse lung tissue

Lane 3: MCF-7 whole cell lysate

Lane 4: Hela whole cell lysate

Lane 5: Jurkat whole cell lysate

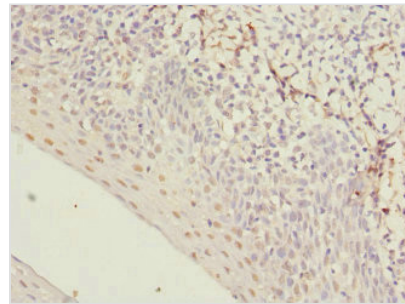
Lane 6: NIH/3T3 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 15 kDa

Observed band size: 15 kDa



Immunohistochemistry of paraffin-embedded

human tonsil tissue using CSB-

PA010418ESR1HU at dilution of 1:100