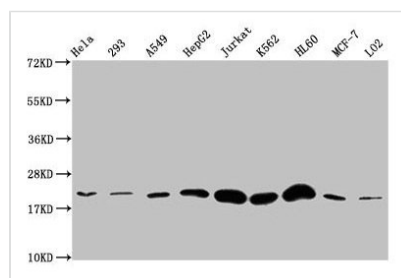




# HIST1H1E (Ab-25) Antibody

<b>Product Code</b>	CSB-PA010380PA25nme1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P10412
<b>Immunogen</b>	Peptide sequence around site of Lys (25) derived from Human Histone H1.4
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Histone H1.4 (Histone H1b) (Histone H1s-4), HIST1H1E, H1F4
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	HIST1H1E

## 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, K562 whole cell lysate, HL60 whole cell lysate, MCF-7 whole cell lysate, LO2 whole cell lysate

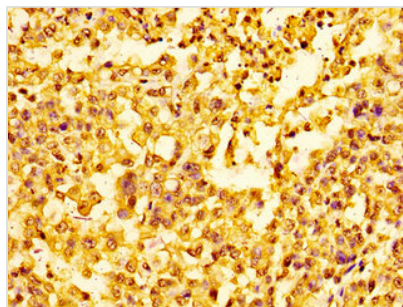
All lanes: HIST1H1E antibody at 1:500

Secondary

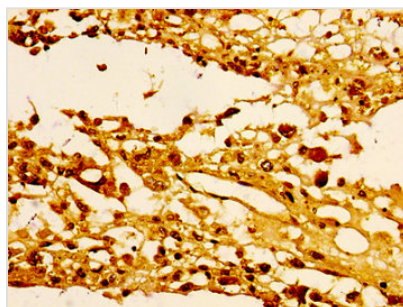
Goat polyclonal to rabbit IgG at 1/40000 dilution

Predicted band size: 22 kDa

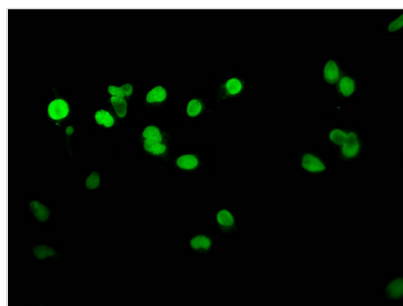
Observed band size: 22 kDa



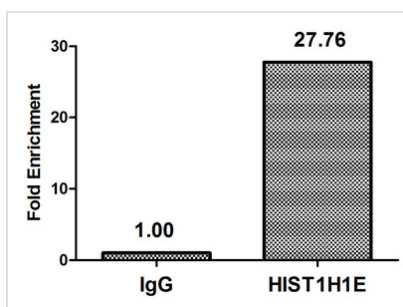
Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA010380PA25nme1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human melanoma using CSB-PA010380PA25nme1HU at dilution of 1:100



Immunofluorescent analysis of HeLa cells using CSB-PA010380PA25nme1HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Chromatin Immunoprecipitation HeLa ( $4 \times 10^6$ ) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with  $8 \mu\text{g}$  anti-HIST1H1E (CSB-PA010380PA25nme1HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.