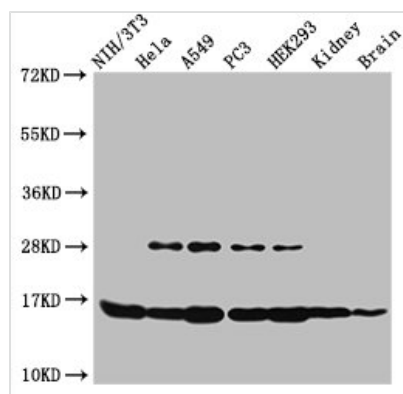




HIST1H3A (Ab-4) Antibody

| | |
|----------------------------|--|
| Product Code | CSB-PA010418PA04nme2HU |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P68431 |
| Immunogen | Peptide sequence around site of Lys (4) derived from Human Histone H3.1 |
| Raised In | Rabbit |
| Species Reactivity | Human, Mouse |
| Tested Applications | ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:100-1:1000, IHC:1:20-1:200, IF:1:50-1:200 |
| 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 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 |
| Immunogen Species | Homo sapiens (Human) |
| Research Area | Epigenetics and Nuclear Signaling |
| Target Names | HIST1H3A |

Image



Western Blot

Positive WB detected in: NIH/3T3 cell acid extracts, HeLa cell acid extracts, A549 cell acid extracts, PC-3 cell acid extracts, HEK293 cell acid extracts, Mouse kidney tissue, Mouse brain tissue

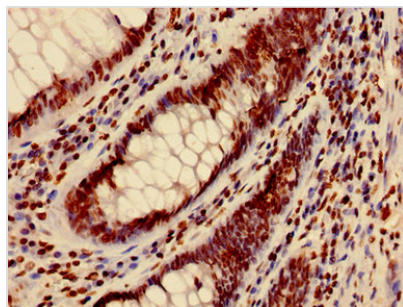
All lanes: HIST1H3A antibody at 2.5µg/ml

Secondary

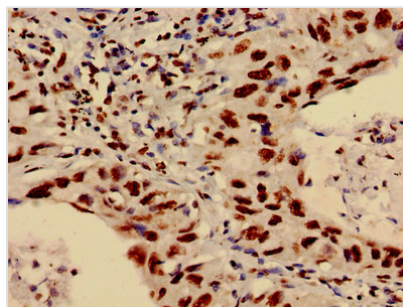
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 16 kDa

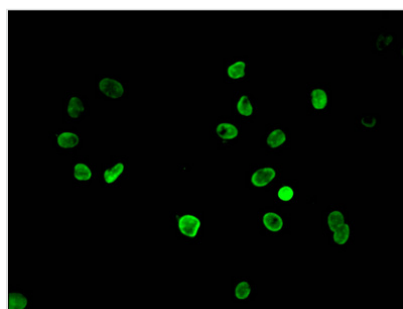
Observed band size: 16 kDa



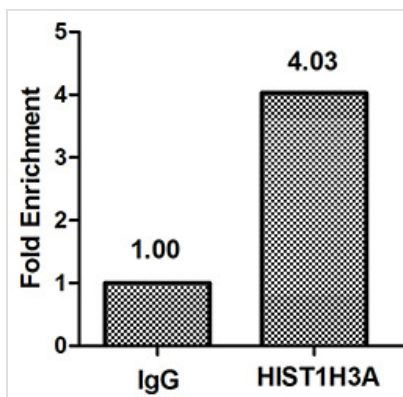
Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA010418PA04nme2HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human lung cancer using CSB-PA010418PA04nme2HU at dilution of 1:100



Immunofluorescent analysis of HeLa cells using CSB-PA010418PA04nme2HU at dilution of 1:100 and 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 $8 \mu\text{g}$ anti-HIST1H3A (CSB-PA010418PA04nme2HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.