

35-1857: Polyclonal Antibody to Histone H3 (Ab-27)

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human,Mouse,Rat |
| Gene : | HIST1H3A |
| Gene ID : | 8350 |
| Uniprot ID : | P68431 |
| Format : | Purified |
| Alternative Name : | H3/A, H3FA |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around aa.26-30(A-R-K-S-A) derived from Human Histone H3. |

Description

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. Choi H.S., Choi B.Y., Cho Y.-Y., Zhu F., Bode A.M., Dong Z.J. Biol. Chem. 280:13545-13553(2005)

Product Info

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| Amount : | 50 µl / 100 µl |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Predicted MW: 17kd, Western blotting: 1:500~1:1000

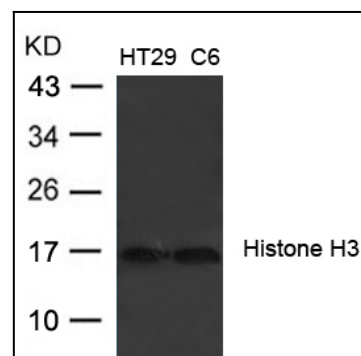


Figure 1: Western blot analysis of extracts from HT29 and C6 cells using Histone H3 (Ab-27) Antibody 35-1857 .