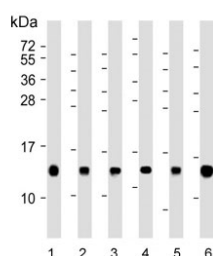


Histone H4 Antibody / HIST1H4A (F55056)

| Catalog No. | Formulation | Size |
|---------------|--------------------------------------------|---------|
| F55056-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F55056-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

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| | |
|-----------------------------|--------------------------------------------------------------|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Predicted Reactivity | All species |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | P62805 |
| Applications | Western Blot : 1:2000 |
| Limitations | This Histone H4 antibody is available for research use only. |



Western blot analysis of 1) human HL60, 2) mouse NIH 3T3, 3) human HeLa, 4) human A431, 5) rat H-4-II-E and 6) rat C6 cell lysate using Histone H4 antibody at 1:2000.

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.

Application Notes

Titration of the Histone H4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Histone H4 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 71-103 amino acids from the C-terminal region of human HIST1H4A.

Storage

Aliquot the Histone H4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.