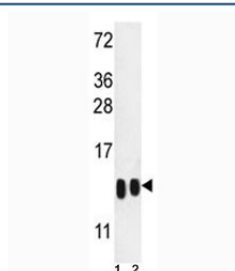


## H4 Antibody / Histone H4 (F49271)

Catalog No.	Formulation	Size
F49271-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49271-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P62805
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This H4 antibody is available for research use only.



H4 antibody western blot analysis in (1) human K562 and (2) mouse NIH3T3 lysate.

## Description

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures.

## Application Notes

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

## **Immunogen**

A portion of amino acids 1-30 from the human protein was used as the immunogen for this H4 antibody.

## **Storage**

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