

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

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Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P62805
Applications	Western Blot : 1:1000
Limitations	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.