Histone H3 Antibody (F52121)

Catalog No.	Formulation	Size
F52121-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52121-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Bovine, Pig, Chicken, Zebrafish, Xenopus, Drosophila, C. elegans
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P68431
Applications	Western blot: 1:1000
Limitations	This Histone H3 antibody is available for research use only.



Histone H3 antibody western blot analysis in HeLa lysate.

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. This antibody is part of a broader collection of Histone H3 antibodies used to study chromatin structure, histone modifications, and epigenetic

regulation.

Application Notes

Titration of the Histone H3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 28-57 from the human protein was used as the immunogen for this Histone H3 antibody.

Storage

Aliquot the Histone H3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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