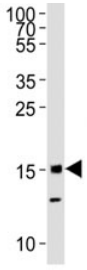
Histone H3 Antibody (F52748)

Catalog No.	Formulation	Size
F52748-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52748-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Bovine, Rat
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.



Western blot analysis of lysate from mouse C2C12 cell line using Histone H3 antibody diluted at 1:1000.

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

Immunogen

This Histone H3 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 8~39 amino acids from human.

Storage

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

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