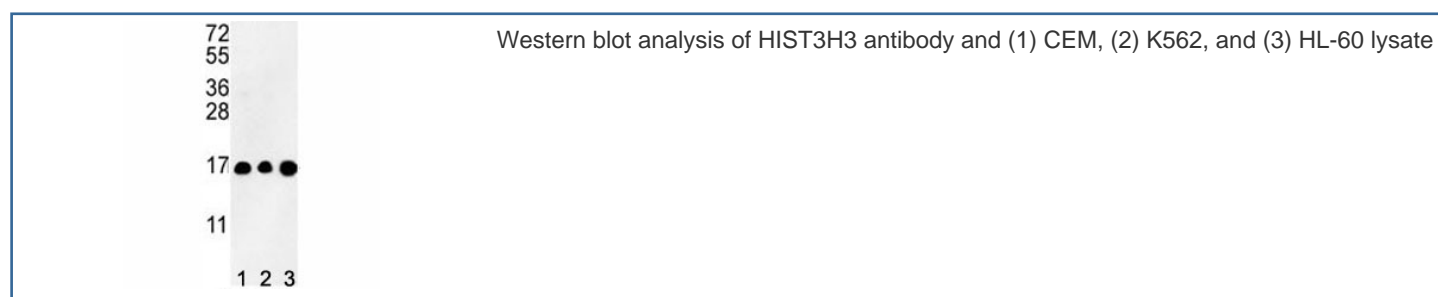


HIST3H3 Antibody (Histone H3.1t) (F51429)

Catalog No.	Formulation	Size
F51429-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51429-0.08ML	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	Q16695
Applications	Western Blot : 1:1000
Limitations	This HIST3H3 antibody is available for research use only.



Description

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead,

they contain a palindromic termination element.

Application Notes

Titration of the Histone HIST3H3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from human HISTH3H was used as the immunogen for this HIST3H3 antibody.

Storage

Aliquot the Histone HIST3H3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.