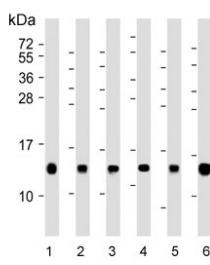


Histone H4 Antibody / HIST1H4A (F55056)

Catalog No.	Formulation	Size
F55056-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55056-0.08ML	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, Mouse, Rat
Predicted Reactivity	All species
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P62805
Applications	Western Blot : 1:2000
Limitations	This Histone H4 antibody is available for research use only.



Western blot analysis of 1) human HL60, 2) mouse NIH 3T3, 3) human HeLa, 4) human A431, 5) rat H-4-II-E and 6) rat C6 cell lysate using Histone H4 antibody at 1:2000.

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

Immunogen

This Histone H4 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 71-103 amino acids from the C-terminal region of human HIST1H4A.

Storage

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