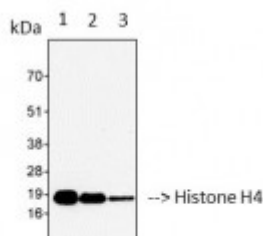


Anti-Histone H4 antibody



Western Blot (WB) analysis of HeLa cell lysate using Histone H4 Antibody (STJ93539) for different dilutions: 1) 1:1000, 2) 1:3000, 3) 1:5000.



Description

Histone H4 is a protein encoded by the HIST4H4 gene which is approximately 11,4 kDa. Histone H4 is localised to the nucleus. It is involved in pathways such as DNA double-strand break repair and the mitotic cell cycle. Histones are nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. There are four core histones (H2A, H2B, H3, and H4). Histone H4 is expressed in the liver, nervous system, eye, blood and intestine. Mutations in the HIST4H4 gene result in B-cell non-Hodgkin lymphoma. STJ93539 was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen. This antibody detects the endogenous Histone H4 (Acetyl Lys5) protein.

Model	STJ93539
Host	Rabbit
Reactivity	Human, Mouse, Rat, Simian
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Histone H4 around the non-acetylation site of K8
Immunogen Region	1-80 aa
Gene ID	121504
Gene Symbol	HIST1H4A
Dilution range	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:5000
Specificity	Histone H4 Polyclonal Antibody detects endogenous levels of Histone H4 protein.

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Histone H4
Molecular Weight	11 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4781OMIM:142750
Alternative Names	Histone H4

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