

Product datasheet for **SP2143**

HIST4H4 (acetyl K5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ChIP, ELISA, IF, IP, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/600. Immunofluorescence: 1/400. Immunoprecipitation. Chromatin Immunoprecipitation (ChIP).
Reactivity:	Amphibian, Drosophila, Mammalian, Plant, Yeast
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Ovalbumin-conjugated peptide.
Specificity:	This antibody is specific for Histone H4 acetylated at Lysine 5.
Formulation:	State: Serum State: Liquid Serum containing 0.09% Sodium Azide as preservative.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	histone cluster 4, H4
Database Link:	P62805
Background:	Histone proteins H3, H4, H2A, and H2B function as building blocks to package eukaryotic DNA into repeating nucleosome units that are folded in higher order chromatin fibers. The nucleosome is composed of an octamer containing a H3/H4 tetramer and two H2A/H2B dimers, surrounded by approximately 146 base pairs of DNA. A diverse and elaborate array of post-translational modifications including acetylation, phosphorylation, methylation, ubiquitination, and ADP-ribosylation occurs on the N-terminal tail domains of histones.
Synonyms:	HIST1H4, H4/A, H4FA



[View online »](#)