

Rabbit Histone H3K14ac Polyclonal Antibody | anti-H3K14ac antibody

Histone H3K14ac antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60350	Rabbit	Human, Wide Range Predicted	Western Blot, Dot Blot, Chromatin Immunoprecipitation, Immunoprecipitation

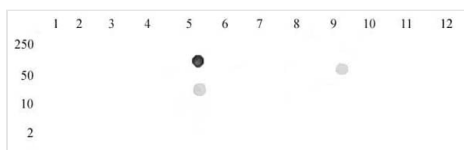
PRODUCT SYNONYMS

Histone H3K14ac; Polyclonal Antibody; Histone H3K14ac antibody (pAb); Histone H3K14ac pAb; anti-H3K14ac antibody

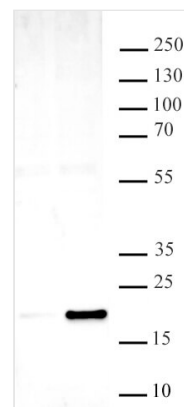
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Wide Range Predicted
Clonality	Polyclonal
Isotype	Serum
Form/Format	Rabbit serum containing 0.035% sodium azide and 30% glycerol. Sodium azide is highly toxic.
Applicable Applications for anti-H3K14ac antibody	WB (Western Blot), DB (Dot Blot), ChIP (Chromatin immunoprecipitation)
Modification	Acetylated
Immunogen	This Histone H3 acetyl Lys14 antibody was raised against a peptide including acetyl-lysine 14 of histone H3.
Preparation and Storage	Store at -20 degree C. Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.

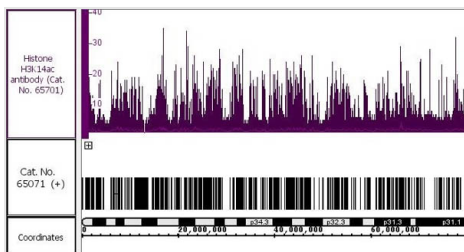
IMAGES



Application Data



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-H3K14ac antibody	Histone H3K14ac antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, Dot blot and Western blot; it has been shown to react with Human samples, but it is predicted that it will react with a wide range of sample types. Histone H3 is one of the core components of the nucleosome. The nucleosome is the smallest subunit of chromatin and consists of 147 base pairs of DNA wrapped around an octamer of core histone proteins (two each of Histone H2A, Histone H2B, Histone H3 and Histone H4). Chromatin is subject to a variety of chemical modifications, including post-translational modifications of the histone proteins and the methylation of cytosine residues in the DNA. Reported histone modifications include acetylation, methylation, phosphorylation, ubiquitylation, glycosylation, ADP-ribosylation, carbonylation and SUMOylation; these modifications play a major role in regulating gene expression. Acetylation of histones is linked to a number of specific processes including transcriptional regulation and genomic organization.
Product Categories/Family for anti-H3K14ac antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; P02295; P02296; P16106; Q6ISV8; Q6NWP8; Q6NWP9; Q6NXU4; Q71DJ3; Q93081; A0PJT7; A5PLR1
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h3k14ac-antibody-western-blot-dot-blot-chromatin-immunoprecipitation-elisa/60350>