

Rabbit Histone H2A-K5 Polyclonal Antibody | anti-HIST2H2AC antibody

Acetyl-Histone H2A-K5 pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311244	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Histone H2A-K5; Polyclonal Antibody; Acetyl-Histone H2A-K5 pAb; HIST1H2AI; H2A/c; H2AFC; histone H2A type 1; anti-HIST2H2AC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-HIST2H2AC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic acetylated peptide around K5 of human Histone H2A (NP_003508.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



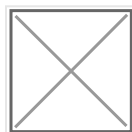
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using Acetyl-Histone H2A-K5 antibody.



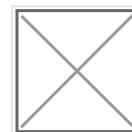
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Acetyl-Histone H2A-K5 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using H2AK5ac antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast using H2AK5ac antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST2H2AC antibody

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24638446
NCBI GeneID	8338
NCBI Accession #	NP_003508.1
NCBI GenBank Nucleotide #	NM_003517.2
UniProt Accession #	P0C0S8; Q6DRA7; Q8IUE5; Q16777
Molecular Weight	13,988 Da
NCBI Official Full Name	histone H2A type 2-C
NCBI Official Synonym Full Names	histone cluster 2, H2ac
NCBI Official Symbol	HIST2H2AC
NCBI Official Synonym Symbols	H2A; H2A/q; H2AFQ; H2A-GL101
NCBI Protein Information	histone H2A type 2-C; histone IIa; histone H2A/q; histone 2, H2ac; histone H2A-GL101; H2A histone family, member Q
UniProt Protein Name	Histone H2A type 1
UniProt Gene Name	HIST1H2AG
UniProt Synonym Gene Names	H2AFP; H2A.1

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-h2a-k5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311244>