

Rabbit Histone H2A Polyclonal Antibody | anti-H2A antibody

Histone H2A, C-terminal antibody (pAb)

CATALOG # AAA59889	HOST Rabbit	REACTIVITY Human, Wide Range Predicted	APPLICATIONS Western Blot, Immunofluorescence
------------------------------	-----------------------	--	---

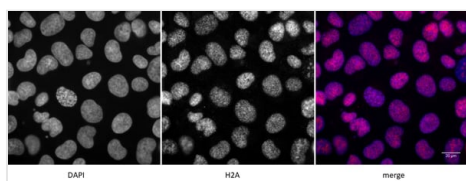
PRODUCT SYNONYMS

Histone H2A; Polyclonal Antibody; C-terminal antibody (pAb); anti-H2A antibody

PRODUCT SPECIFICATIONS

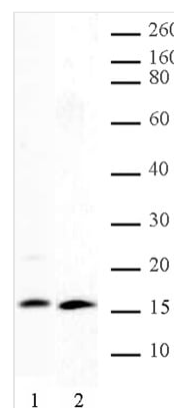
Host	Rabbit
Reactivity	Human, Wide Range Predicted
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-H2A antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen	This Histone H2A, C-terminal antibody was raised against a peptide containing the C- terminal region of human histone H2A.
Preparation and Storage	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.1ug/ul

IMAGES



IF (Immunofluorescence)

Detection of H2A by immunofluorescence. U2OS cells were stained with H2A antibody at a dilution of 1:500. Left panel: DAPI. Middle panel: H2A antibody staining. Right panel: merge.



WB (Western Blot)

Histone H2A, C-terminal pAb tested by Western blot. Detection of Histone H2A by Western blot. The analysis was performed using HeLa acid extract (10 ug, lane 1) and recombinant histone H2A protein (200 ng, lane 2) probed with Histone H2A, C-terminal pAb at a 1:500 dilution).

ADDITIONAL INFORMATION

Related Product Information for anti-H2A antibody	Short Description: Our Histone H2A, C-terminal antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunofluorescence 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. Background: Histone H2A 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). Histone H1 is a linker histone, present at the interface between the nucleosome core and DNA entry/exit points; it is responsible for establishing higher-order chromatin structure. 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; they play a major role in regulating gene expression.
Product Categories/Family for anti-H2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24638446
NCBI GeneID	8338
NCBI Accession #	NP_003508; AB_2793270
NCBI GenBank Nucleotide #	NM_003517
UniProt Accession #	Q16777
Molecular Weight	14kDa
NCBI Official Full Name	histone H2A type 2-C
NCBI Official Synonym Full Names	histone cluster 2 H2A family member c
NCBI Official Symbol	HIST2H2AC
NCBI Official Synonym Symbols	H2A; H2A/q; H2AFQ; H2A-GL101
NCBI Protein Information	histone H2A type 2-C
UniProt Protein Name	Histone H2A type 2-C
UniProt Gene Name	HIST2H2AC
UniProt Synonym Gene Names	H2AFQ
UniProt Entry Name	H2A2C_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/histone-h2a-antibody-western-blot-immunofluorescence-elisa/59889>