

Rabbit Histone H2A Polyclonal Antibody | anti-H2A antibody

Histone H2A Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319028	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

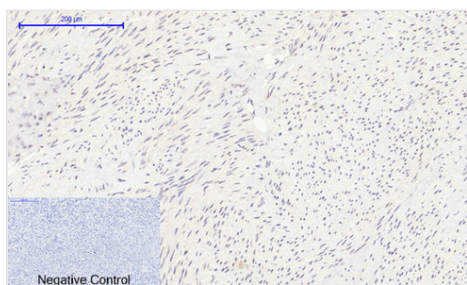
PRODUCT SYNONYMS

Histone H2A; Polyclonal Antibody; Histone H2A Rabbit Polyclonal Antibody; HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p; BH6842; anti-H2A antibody

PRODUCT SPECIFICATIONS

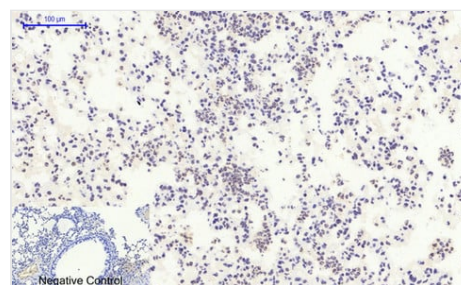
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Histone H2A Polyclonal Antibody detects endogenous levels of Histone H2A protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-H2A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human Histone H2A.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



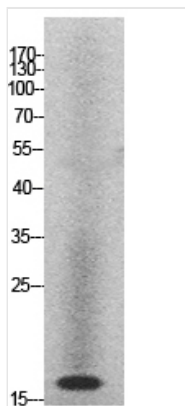
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1, Histone H2A Polyclonal Antibody was diluted at 1:200 (4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



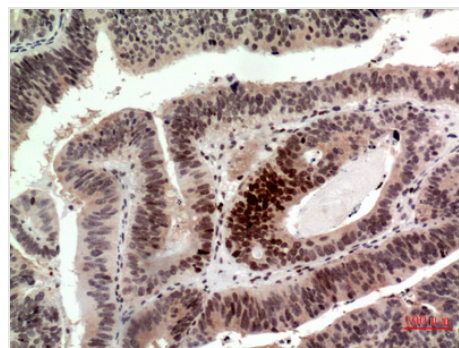
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1, Histone H2A Polyclonal Antibody was diluted at 1:200 (4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



WB (Western Blot)

Western Blot analysis of HeLa cells using Histone H2A Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer, antibody was diluted at 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-H2A 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. [provided by RefSeq, Aug 2015]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504239
NCBI GeneID	8329
NCBI Accession #	NP_003500.1
NCBI GenBank Nucleotide #	NM_003509.2
UniProt Accession #	P0C0S8; P02261; Q2M1R2; Q76PA6
Molecular Weight	14,091 Da
NCBI Official Full Name	histone H2A type 1
NCBI Official Synonym Full Names	histone cluster 1 H2A family member i
NCBI Official Symbol	HIST1H2AI
NCBI Official Synonym Symbols	H2A/c; H2AFC
NCBI Protein Information	histone H2A type 1
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-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/319028>