

Rabbit anti-Human Histone H2A.x Polyclonal Antibody | anti-H2A.x antibody

Histone H2A.x Polyclonal Antibody

CATALOG # AAA308807	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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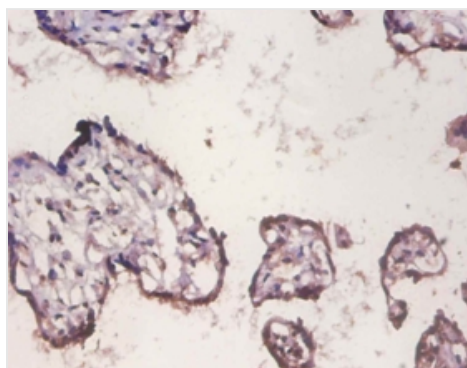
PRODUCT SYNONYMS

Histone H2A.x; Polyclonal Antibody; Histone H2A.x Polyclonal Antibody; H2AFX; H2AX; anti-H2A.x antibody

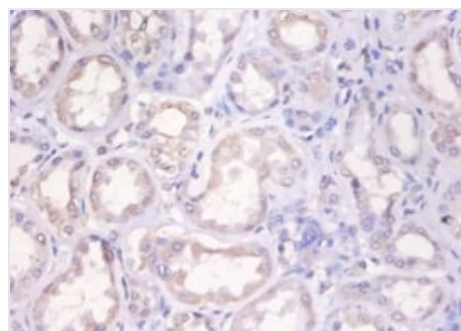
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Histone H2A.x polyclonal antibody.
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	143
Applicable Applications for anti-H2A.x antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human Histone H2A.x protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human placenta using at dilution of 1:100.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney using at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-H2A.x antibody	Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Required for checkpoint-mediated arrest of cell cycle progression in response to low doses of ionizing radiation and for efficient repair of DNA double strand breaks (DSBs) specifically when modified by C-terminal phosphorylation.
Product Categories/Family for anti-H2A.x antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504253
NCBI GeneID	3014
NCBI Accession #	NP_002096.1
NCBI GenBank Nucleotide #	NM_002105.2
UniProt Accession #	P16104; Q4ZGJ7; Q6IAS5
Molecular Weight	15,145 Da
NCBI Official Full Name	histone H2AX
NCBI Official Synonym Full Names	H2A histone family member X
NCBI Official Symbol	H2AFX
NCBI Official Synonym Symbols	H2AX; H2A.X; H2A/X
NCBI Protein Information	histone H2AX
UniProt Protein Name	Histone H2AX
UniProt Gene Name	H2AFX
UniProt Synonym Gene Names	H2AX; H2a/x
UniProt Entry Name	H2AX_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-h2ax-antibody-immunohistochemistry-elisa/308807>