Rabbit Histone H2AX Polyclonal Antibody | anti-H2AX antibody

Histone H2AX Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314600	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Histone H2AX; Polyclonal Antibody; Histone H2AX Rabbit Polyclonal Antibody; H2A.X; H2A/X; H2AX; H2AFX; histone H2AX; gamma H2A.X; ??H2AX; anti-H2AX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-H2AX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Histone H2AX.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse testis using Histone H2AX antibody.

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using Histone H2AX antibody.

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat testis using Histone H2AX antibody.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using Histone H2AX antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-H2AX 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 encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.
Product Categories/Family for anti-H2AX antibody	Primary Antibody

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 H2A.x
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 H2A.x; H2AX histone
UniProt Protein Name	Histone H2A.x
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-western-blot-elisa/314600