

Rabbit Histone H2A.X Polyclonal Antibody | anti-H2A.X antibody

Histone H2A.X (phospho Ser139) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28928	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry

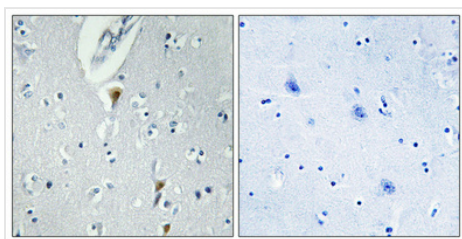
PRODUCT SYNONYMS

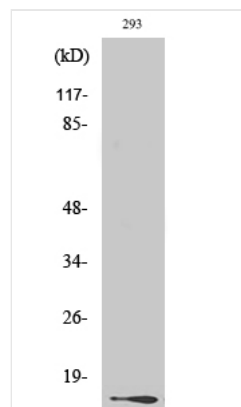
Histone H2A.X; Polyclonal Antibody; Histone H2A.X (phospho Ser139) Polyclonal Antibody; H2AFX; H2AX; Histone H2A.x; H2a/x; anti-H2A.X antibody

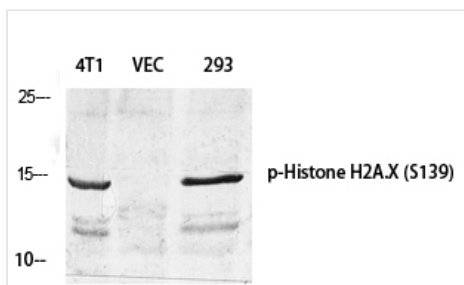
PRODUCT SPECIFICATIONS

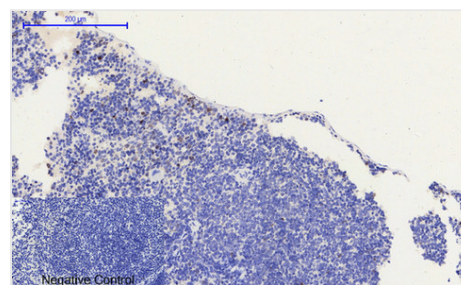
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-H2A.X antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

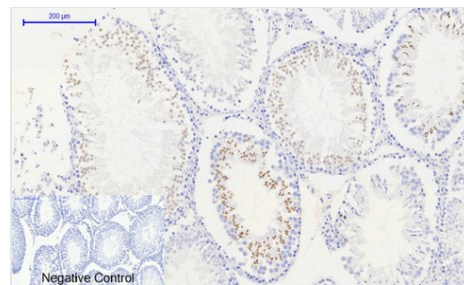
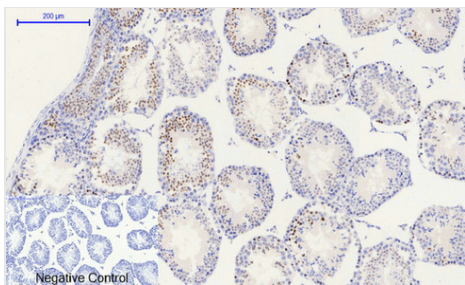

IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

Application Data

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.



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Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

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Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

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.

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-western-blot-immunohistochemistry-elisa/28928>