

anti-Human, Mouse Histone H2A.X Antibody | anti-H2a/x antibody

Histone H2A.X (Ab-139) Antibody

CATALOG # AAA111987	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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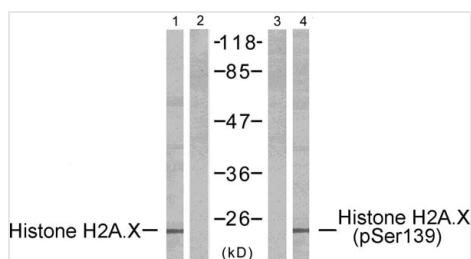
PRODUCT SYNONYMS

Histone H2A.X; Histone H2A.X (Ab-139) Antibody; anti-H2a/x antibody

PRODUCT SPECIFICATIONS

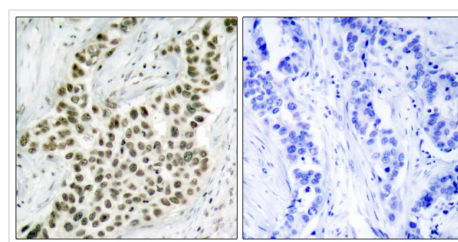
Reactivity	Human, Mouse
Specificity	Histone H2A.X (Ab-139) antibody detects endogenous levels of total Histone H2A.X protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	143
Applicable Applications for anti-H2a/x antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Histone H2A.X around the phosphorylation site of serine 139 (Q-A-SP-Q-E).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, untreated or treated with UV, using Histone H2A.X (Ab-139) antibody (Line 1 and 2) and Histone H2A.X (Phospho-Ser139) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Histone H2A.X (Ab-139) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-H2a/x antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Alpna Tyagi, et al. (2005) Carcinogenesis; 26: 1978-1987. James P, et al. (2002) Nucleic Acids Res; 30: 3698-3705. Mariana Yaneva, et al. (2005) Nucleic Acids Res; 33: 5320-5330. Jérôme Govin, et al. (2004) Eur. J. Biochem; 271: 3459-3469.

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

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/h2a-x-human-mouse-antibody/histone-h2a-x/111987>