

Rabbit Histone H2A.X Polyclonal Antibody | anti-H2AFX antibody

Histone H2A.X (Phospho-Ser139) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318325	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

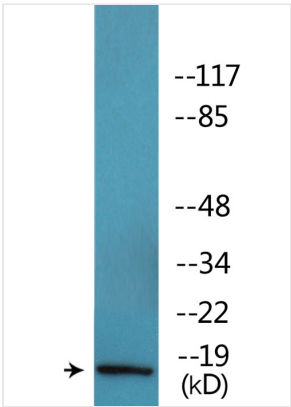
PRODUCT SYNONYMS

Histone H2A.X; Polyclonal Antibody; Histone H2A.X (Phospho-Ser139) Antibody; H2A.X; H2AFX; H2a/x; HIST5-2AX; anti-H2AFX antibody

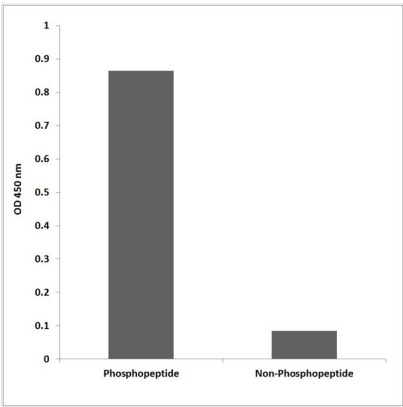
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Histone H2A.X (Phospho-Ser139) Antibody detects endogenous levels of H2AFX only when phosphorylated at Ser139.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	143
Applicable Applications for anti-H2AFX antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S139; M:S139; R:S140
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human Histone H2A.X around the phosphorylation site of Ser139.
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from 293 cells treated with heat shock, using Histone H2A.X (Phospho-Ser139) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Histone H2A.X (Phospho-Ser139) 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 kDa
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/polyclonal/histone-h2ax-antibody-western-blot-elisa/318325>