

Histone H2A.XS139ph (phospho Ser139) antibody

Cat. No. GTX127342

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, IHC
Reactivity	Human, Zebrafish

References (65)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:2000
IHC-Fr	Assay dependent
IHC-Wm	1:100-1:500
IHC	1:100-1:2000

Not tested in other applications.

Calculated MW 15 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.47 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser139 of zebrafish Histone H2A.X. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



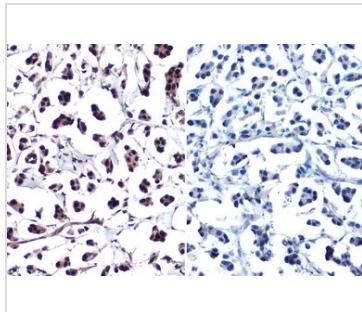
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

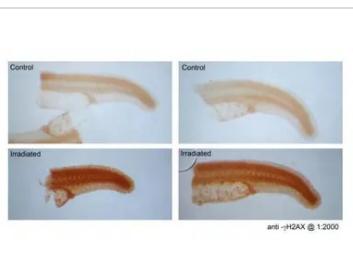
DATA IMAGES**GTX127342 IHC-P Image**

Histone H2A.XS139ph (phospho Ser139) antibody detects Histone H2A.XS139ph (phospho Ser139) protein at nucleus by immunohistochemical analysis in the presence of control peptide (left) or antigen-specific peptide (right).

Sample: Paraffin-embedded human breast carcinoma.

Histone H2A.XS139ph (phospho Ser139) stained by Histone H2A.XS139ph (phospho Ser139) antibody (GTX127342) diluted at 1:1000.

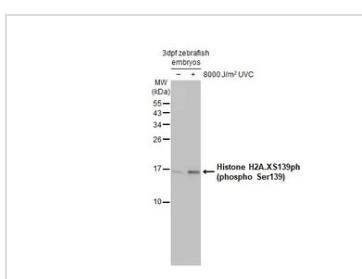
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX127342 IHC Image**

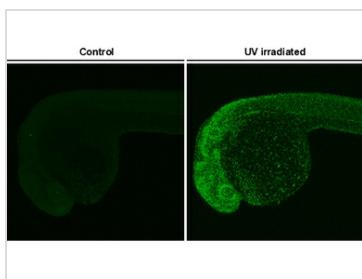
H2afx antibody detects H2afx protein at nucleus on UV-irradiated whole-mount zebrafish embryos (under panel) by immunohistochemical analysis.

Sample: H2afx antibody (GTX127342) dilution: 1:2000.

Image provided with permission courtesy of Dr. James Amatruda.

**GTX127342 WB Image**

Untreated (-) and treated (+) Zebrafish embryos extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H2A.XS139ph (phospho Ser139) antibody (GTX127342) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX127342 IHC-Wm Image**

Histone H2A.XS139ph (phospho Ser139) antibody detects Histone H2A.XS139ph (phospho Ser139) protein on whole mount zebrafish by immunohistochemical analysis.

Sample: Paraformaldehyde-fixed 1 day-post-fertilization zebrafish embryo.

Green: Histone H2A.XS139ph (phospho Ser139) stained by Histone H2A.XS139ph (phospho Ser139) antibody (GTX127342) diluted at 1:100.

Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70°C



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