

## Histone H2A.X antibody

Cat. No. GTX127343

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-Wm
Reactivity	Zebrafish, Nothobranchius furzeri

References ( 1 )

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
IHC-Wm	1:100-1:500

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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of zebrafish Histone H2A.X. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

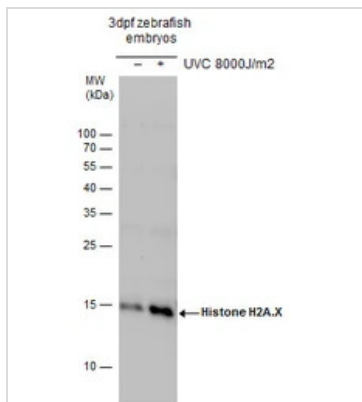
## Note

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

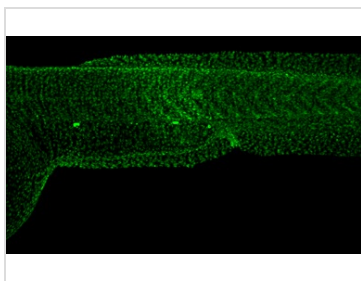
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**DATA IMAGES**

**GTx127343 WB Image**

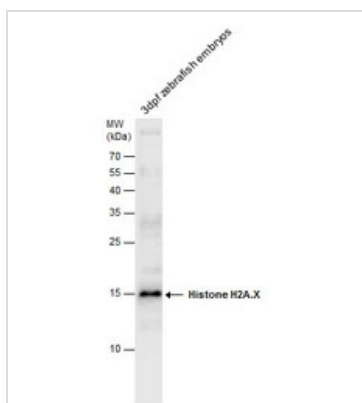
Histone H2A.X antibody detects Histone H2A.X protein by Western blot analysis. Un-treated (-) and treated (+, 8000J/m<sup>2</sup> UVC treatment) 3dpf zebrafish embryos whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H2A.X antibody (GTx127343) at a dilution of 1:1000.


**GTx127343 IHC-Wm Image**

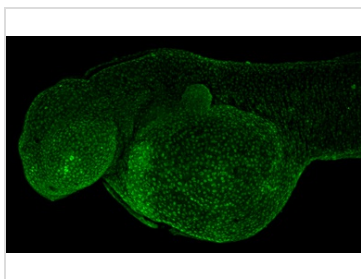
Histone H2A.X antibody detects Histone H2A.X protein on whole mount zebrafish by immunohistochemical analysis.

Sample: 2 day-post-fertilization zebrafish embryo.

Histone H2A.X antibody (GTx127343) dilution: 1:100.


**GTx127343 WB Image**

Zebrafish embryos extract (50 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with Histone H2A.X antibody (GTx127343) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx127343 IHC-Wm Image**

Histone H2A.X antibody detects Histone H2A.X protein on whole mount zebrafish by immunohistochemical analysis.

Sample: 2 day-post-fertilization zebrafish embryo.

Histone H2A.X antibody (GTx127343) dilution: 1:100.



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