

## Histone H2A.XS139ph (phospho Ser139) antibody

## Cat. No. GTX127340

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

References ( 48 )

 Review ( 2 )

## 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	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IHC-Wm	Assay dependent

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	0.25 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser139 of human Histone H2A.X. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

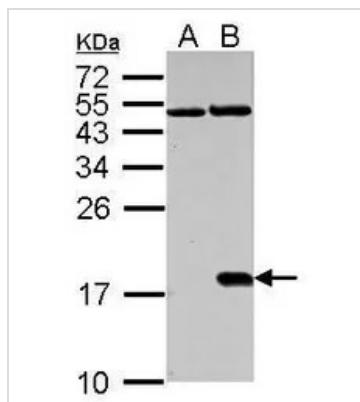
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### 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



#### GTX127340 WB Image

Histone H2A.X (phospho Ser139) antibody detects H2AFX protein in cisplatin-treated samples by western blot analysis.

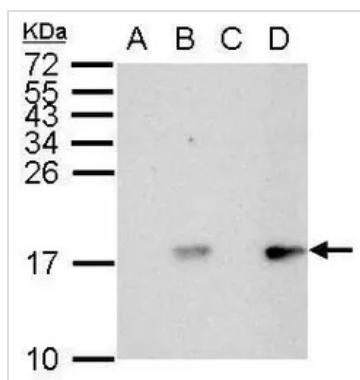
A. 30 µg NIH-3T3 whole cell lysate/extract (untreated)

B. 30 µg NIH-3T3 whole cell lysate/extract (30µM cisplatin treatment for 24hr)

15% SDS-PAGE

Histone H2A.X (phospho Ser139) antibody (GTX127340) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX127340 WB Image

Histone H2A.X (phospho Ser139) antibody detects H2AFX protein by western blot analysis.

A. 30 µg HCT116 whole cell lysate/extract (untreated for 2hr)

B. 30 µg HCT116 whole cell lysate/extract (UVB treatment 50mJ for 2hr)

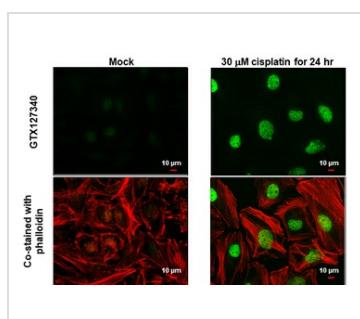
C. 30 µg HCT116 whole cell lysate/extract (untreated for 6hr)

D. 30 µg HCT116 whole cell lysate/extract (UVB treatment 50mJ for 6hr)

15% SDS-PAGE

Histone H2A.X (phospho Ser139) antibody (GTX127340) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX127340 ICC/IF Image

Histone H2A.XS139ph (phospho Ser139) antibody detects Histone H2A.XS139ph (phospho Ser139) protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H2A.XS139ph (phospho Ser139) stained by Histone H2A.XS139ph (phospho Ser139) antibody (GTX127340) diluted at 1:1000.

Red: phalloidin, a cytoskeleton marker, diluted at 1:100.

Scale bar= 10 µm.



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