

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	



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.	

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



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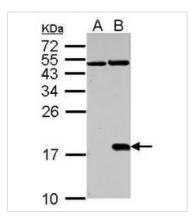


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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

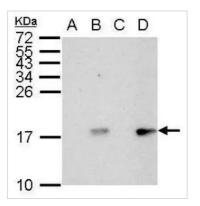
Histone H2A.X (phospho Ser139) antibody detects H2AFX protein in cisplatin-treated samples by western

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

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

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)

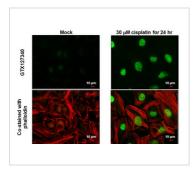
C. 30 µg HCT116 whole cell lysate/extract (untreated for 6hr)

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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