

Histone H2AK5ac (acetyl Lys5) antibody

Cat. No. GTX128961

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IP, Dot
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:20000
ICC/IF	1:100-1:1000
IP	1:100-1:10000
Dot	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.01% Thimerosal
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 surrounding acetyl Lys5 of human Histone H2A. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

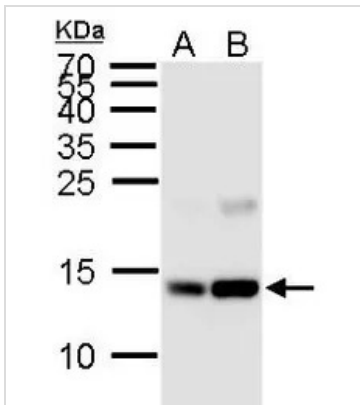
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DATA IMAGES



GTX128961 WB Image

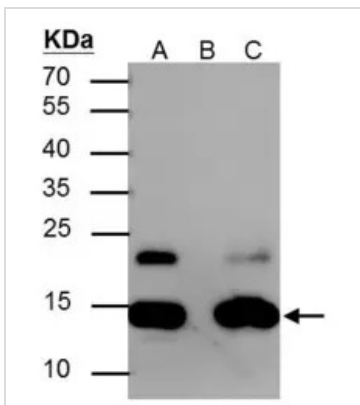
Histone H2AK5ac (acetyl Lys5) antibody detects Histone H2AK5ac (acetyl Lys5) protein by Western blot analysis.

A. 30 µg HeLa whole cell lysate/extract (0.012% DMSO treatment for 18 hr)

B. 30 µg HeLa whole cell lysate/extract (0.4 µM Trichostatin A treatment for 18 hr)

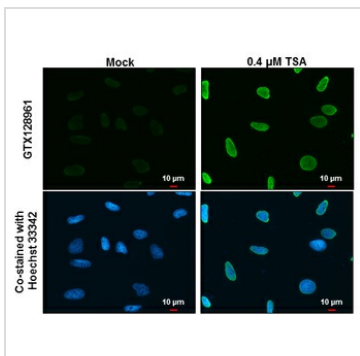
15 % SDS-PAGE

Histone H2AK5ac (acetyl Lys5) antibody (GTX128961) dilution: 1:10000



GTX128961 IP Image

Histone H2AK5ac (acetyl Lys5) antibody immunoprecipitates Histone H2AK5ac (acetyl Lys5) protein in IP experiments. IP Sample: HeLa whole cell lysate/extract A : 30 µg whole cell lysate/extract of Histone H2AK5ac (acetyl Lys5) protein expressing HeLa cells (0.4µM TSA treatment for 18hr) B : Control with 2.5 µg of pre-immune rabbit IgG C : Immunoprecipitation of Histone H2AK5ac (acetyl Lys5) protein by 2.5 µg of Histone H2AK5ac (acetyl Lys5) antibody (GTX128961) 12% SDS-PAGE The immunoprecipitated Histone H2AK5ac (acetyl Lys5) protein was detected by Histone H2AK5ac (acetyl Lys5) antibody (GTX128961) diluted at 1 : 10000. EasyBlot anti-rabbit IgG (HRP) (GTX221666-01) was used as a secondary reagent.



GTX128961 ICC/IF Image

Histone H2AK5ac (acetyl Lys5) antibody detects Histone H2AK5ac (acetyl Lys5) protein at nucleus by immunofluorescent analysis.

Samples: HeLa cells mock (left) and treated with 0.4 µM TSA for 18 hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H2AK5ac (acetyl Lys5) protein stained by Histone H2AK5ac (acetyl Lys5) antibody (GTX128961) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.



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