

Histone H2A antibody - ChIP grade

Cat. No. GTX60347

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, ChIP assay
Reactivity	Human

Package

50 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:2,000
ICC/IF	1:500
ELISA	1:100-1:1,000
ChIP assay	1-2 µg

Not tested in other applications.

Properties

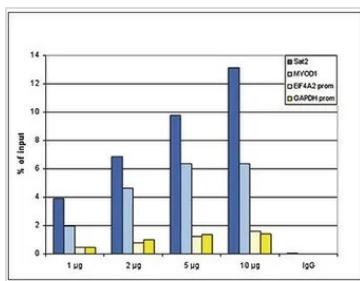
Form	Liquid
Buffer	PBS
Preservative	0.05% Sodium azide, 0.05% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	4 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	KLH-conjugated synthetic peptide containing an unmodified sequence from the C-terminal part of the protein.
Purification	Purified by affinity chromatography
Conjugation	Unconjugated
	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.



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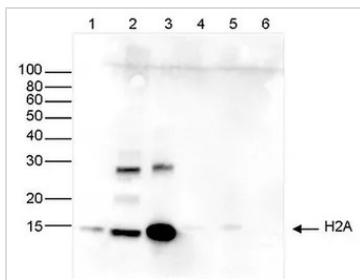
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DATA IMAGES



GTX60347 ChIP assay Image

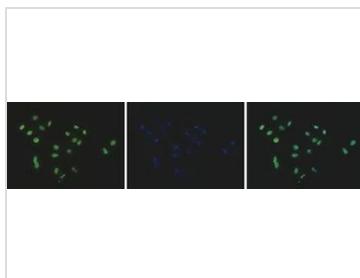
ChIP analysis of sheared chromatin from 10^6 HeLa cells using GTX60347 Histone H2A antibody - ChIP grade. A titration of the antibody consisting of 1, 2, 5, and 10 µg per ChIP experiment was analysed. IgG (5 µg/IP) was used as negative IP control. QPCR was performed with primers for the GAPDH and EIF4A2 promoters, used as negative controls and for the inactive MYOD1 gene and the Sat2 satellite repeat, used as positive controls. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



GTX60347 WB Image

WB analysis of whole cell (25 µg, lane 1) and histone extracts (15 µg, lane 2) from HeLa cells, and on 1 µg of recombinant histone H2A, H2B, H3 and H4 (lane 3, 4, 5 and 6, respectively) using GTX60347 Histone H2A antibody - ChIP grade.

Dilution : 1:2,000



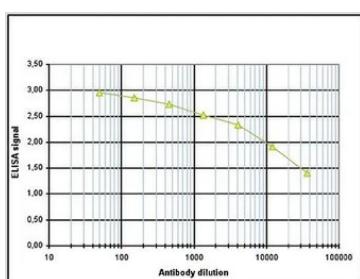
GTX60347 ICC/IF Image

ICC/IF analysis of 4% paraformaldehyde fixed HeLa cells using GTX60347 Histone H2A antibody - ChIP grade.

Green : Primary antibody

Blue : DAPI

Dilution : 1:500



GTX60347 ELISA Image

ELISA analysis of peptides used for immunization using GTX60347 Histone H2A antibody - ChIP grade.



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