

## Histone H3 antibody - ChIP grade

**Cat. No. GTX60349**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ELISA, ChIP assay
<b>Reactivity</b>	Human, Zebrafish

**Package**  
50 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500
ELISA	1:10,000
ChIP assay	1-5 µg

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Serum
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	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.
<b>Immunogen</b>	Two KLH-conjugated synthetic peptides containing an unmodified sequence from the central part and from the C-terminus of histone H3, respectively.
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated

**Note**

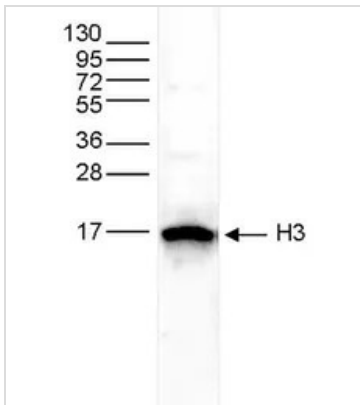
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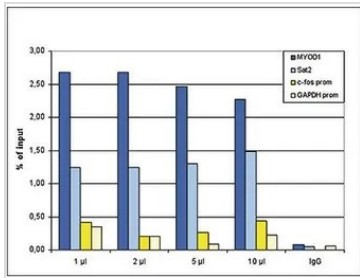
DATA IMAGES



**GTX60349 WB Image**

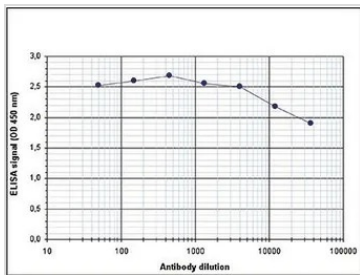
WB analysis of whole cell extracts from HeLa cells (25 µg) using GTX60349 Histone H3 antibody - ChIP grade.

Dilution : 1:500



**GTX60349 ChIP assay Image**

ChIP analysis of sheared chromatin from 10<sup>6</sup> HeLa cells using GTX60349 Histone H3 antibody - ChIP grade. A titration of the antibody consisting of 1, 2, 5, and 10 µl per ChIP experiment was analysed. IgG (2 µg/IP) was used as negative IP control. QPCR was performed with primers for the promoters of the active GAPDH and EIF4A2 genes, used as negative controls, and for the inactive MYOD1 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).



**GTX60349 ELISA Image**

ELISA analysis of peptides used for immunization using GTX60349 Histone H3 antibody - ChIP grade.



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