Histone H3R17me2 (Asymmetric Di-methyl Arg17) antibody - ChIP grade

Cat. No. GTX60344

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, Dot, ELISA, ChIP assay
Reactivity	Human

Package
50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:250
Dot	1:20,000
ELISA	1:1,000 – 1:3,000
ChIP assay	10 - 15 µl

Not tested in other applications.

Properties

Form	Liquid
Buffer	Serum
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Immunogen	Histone H3 containing the asymmetrically dimethylated arginine 17 (H3R17me2(asym)), using a KLH-conjugated synthetic peptide.
Purification	Unpurified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. 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.

For full product information, images and publications, please visit our website.

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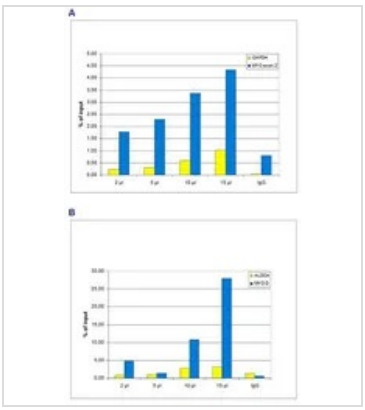
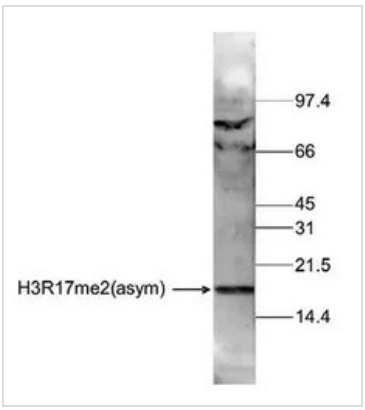
DATA IMAGES



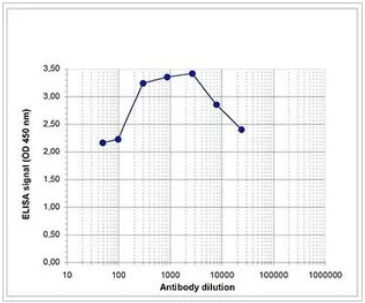
GTX60344 ChIP assay Image

ChIP analysis of sheared chromatin from 1.6x10^6 U2OS cells using GTX60344 Histone H3R17me2 (Asymmetric Di-methyl Arg17) antibody - ChIP grade. A titration of the antibody consisting of 2, 5, 10 and 15 µl per ChIP experiment was analysed. IgG (5 µg/IP) was used as negative IP control. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis). Figure 1A: QPCR performed with primers for the GAPDH promoter and for exon 2 of the myoglobin gene. Figure 1B: QPCR performed with primers for the promoter of the active ALDOA gene and for the coding region of the inactive MYOD gene..



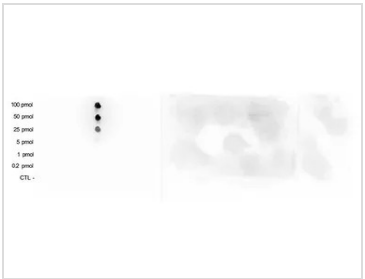
GTX60344 WB Image

WB analysis of histone extracts (15 µg) from HeLa cells using GTX60344 Histone H3R17me2 (Asymmetric Di-methyl Arg17) antibody - ChIP grade.
Dilution : 1:250



GTX60344 ELISA Image

ELISA analysis of peptide containing the histone modification of interest using GTX60344 Histone H3R17me2 (Asymmetric Di-methyl Arg17) antibody - ChIP grade.



GTX60344 Dot Image

Dot blot analysis of 0.2 - 100 pmol of the peptides containing other modifications of histone H3 and H4 and unmodified sequences from histone H3 using GTX60344 Histone H3R17me2 (Asymmetric Di-methyl Arg17) antibody - ChIP grade.
Dilution : 1:20,000

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