

## Histone H3K4me3 (Tri-methyl Lys4) antibody

**Cat. No. GTX55482**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, Dot, ChIP assay
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500 - 1:2000
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
Dot	Assay dependent
ChIP assay	1:20 - 1:100

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 50% Glycerol
<b>Preservative</b>	0.02% 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>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A synthetic methylated peptide corresponding to residues surrounding K4 of human histone H3
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated

**Note**

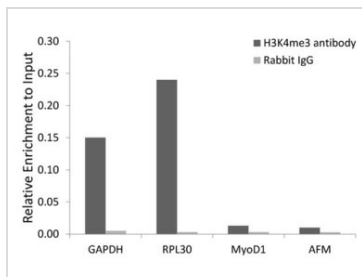
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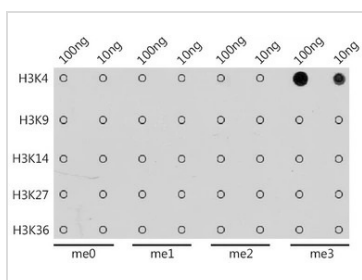
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DATA IMAGES



**GTX55482 ChIP assay Image**

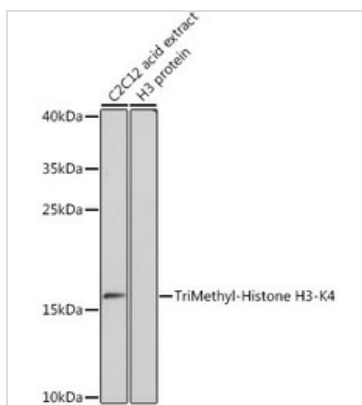
ChIP analysis of 293 cell lysate using GTX55482 Histone H3K4me3 (Tri-methyl Lys4) antibody. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



**GTX55482 Dot Image**

Dot blot analysis of all sorts of methylation peptides using GTX55482 Histone H3K4me3 (Tri-methyl Lys4) antibody.

Dilution : 1:1000

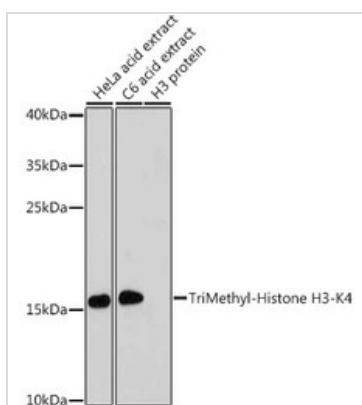


**GTX55482 WB Image**

WB analysis of C2C12 cell lysate using GTX55482 Histone H3K4me3 (Tri-methyl Lys4) antibody.

Dilution : 1:1000

Loading : 25µg per lane



**GTX55482 WB Image**

WB analysis of various sample lysates using GTX55482 Histone H3K4me3 (Tri-methyl Lys4) antibody.

Dilution : 1:1000

Loading : 25µg per lane



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