

# Histone H3K27me3 (tri-methyl Lys27) antibody

**Cat. No. GTX54106**

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

Reference ( 1 )  
Package  
100 µl

## APPLICATION

### 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>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A synthetic methylated peptide corresponding to residues surrounding K27 of human histone H3
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated

### Note

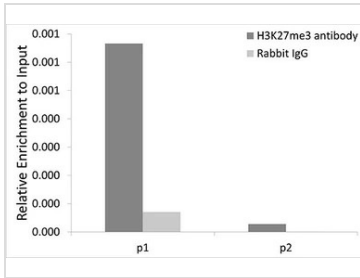
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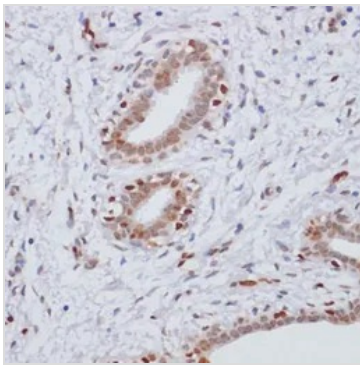
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## DATA IMAGES



### GTx54106 ChIP assay Image

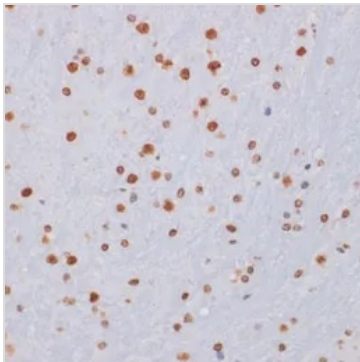
ChIP analysis of 293T cell lysate using GTx54106 Histone H3K27me3 (tri-methyl Lys27) antibody. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



### GTx54106 IHC-P Image

IHC-P analysis of human breast cancer tissue using GTx54106 Histone H3K27me3 (tri-methyl Lys27) antibody.

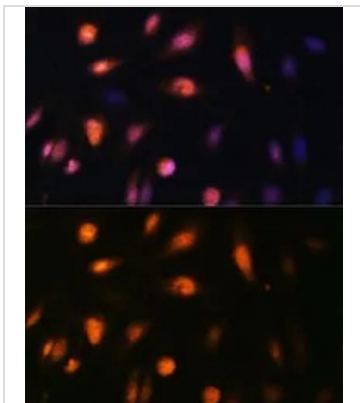
Dilution : 1:100



### GTx54106 IHC-P Image

IHC-P analysis of mouse brain tissue using GTx54106 Histone H3K27me3 (tri-methyl Lys27) antibody.

Dilution : 1:100



### GTx54106 ICC/IF Image

ICC/IF analysis of U2OS cells using GTx54106 Histone H3K27me3 (tri-methyl Lys27) antibody.

Blue : DAPI

Dilution : 1:100



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