Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

TriMethyl-Histone H3-K27 pAb

Catalog No: tcba7456

Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul

Specifications

Application:
WB,IHC,IF,IP,ChIP,ChIPseq

Research Area:
Cancer,MAPK pathway,MAPK/p38 pathway,MAPK/ERK pathway,Epigenetics,

Species Reactivity:
Human,Mouse,Rat,Other (Wide Range)

Host Species:
Rabbit

Isotype:
IgG

Form:
Liquid

Storage Buffer:
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:
WB 1:500 - 1:2000
IHC 1:50 - 1:200
IF 1:50 - 1:200
IP 1:50 - 1:200
ChIP 1:20 - 1:100

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CHIPseq 1:20 - 1:100

Storage Instruction:
Store at -20℃. Avoid freeze / thaw cycles.

SwissProt:
Q16695

Gene ID:
8290 (human);

Calculated Molecular Weight:
15kDa

Purification:
Affinity purification

Cellular Location:
Chromosome,Nucleus,

Product Description

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

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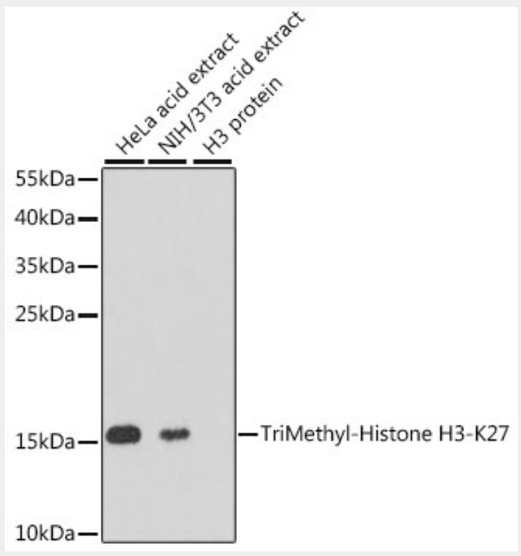
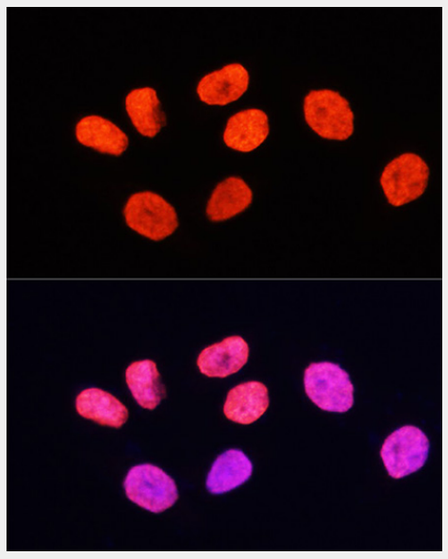
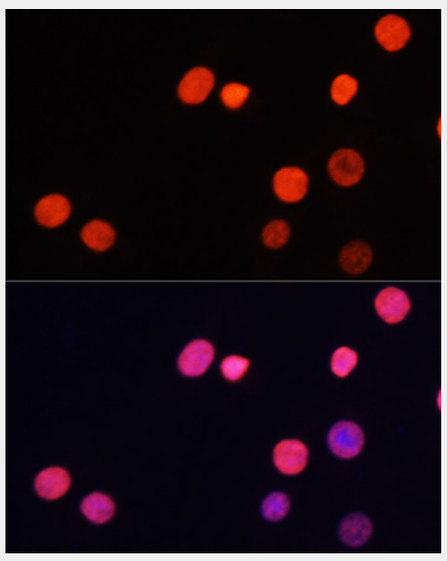


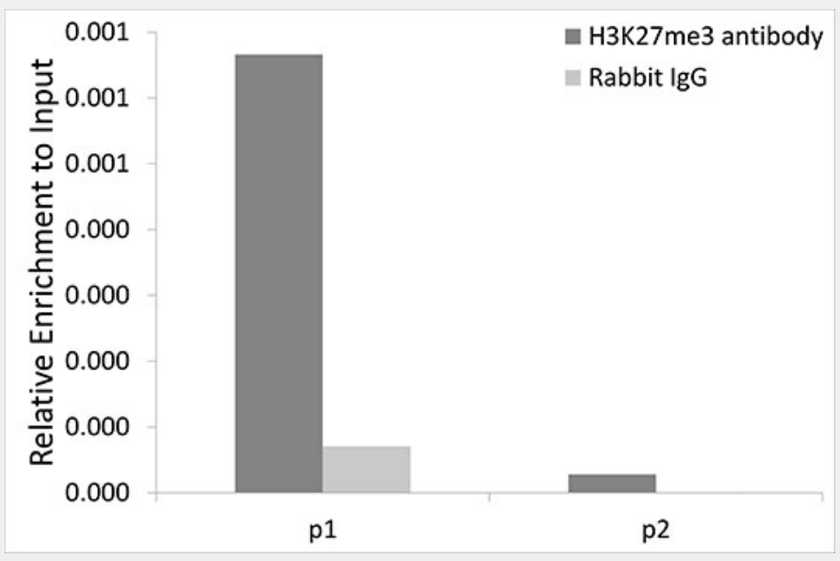
Western blot analysis of extracts of various cell lines, using TriMethyl-Histone H3-K27 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Exposure time: 10s.



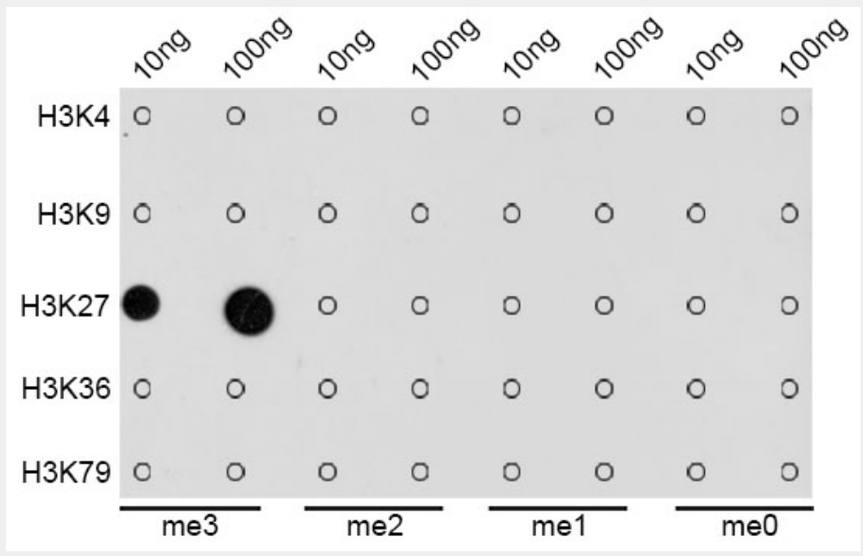
Immunofluorescence analysis of HeLa cells using TriMethyl-Histone H3-K27 antibody (Red) and BrdU antibody (Green). Blue: DAPI for nuclear staining.



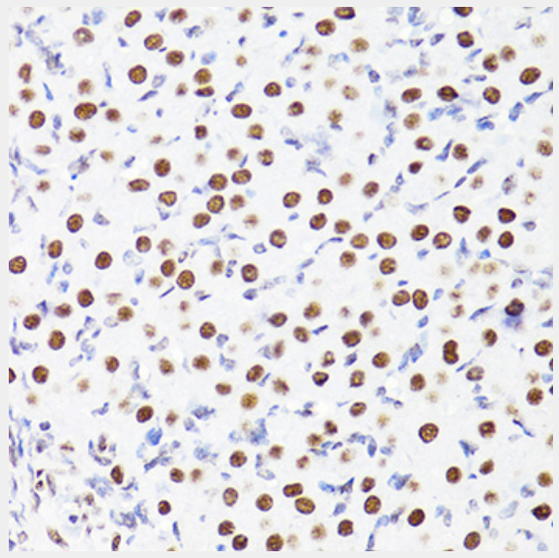
Immunofluorescence analysis of C6 cells using TriMethyl-Histone H3-K27 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Chromatin immunoprecipitation analysis extracts of 293T cells, using TriMethyl-Histone H3-K27 antibody and rabbit IgG. P1 and P2 were located on ANO2 gene. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Dot-blot analysis of all sorts of methylation peptides using TriMethyl-Histone H3-K27 antibody.



Immunohistochemistry of paraffin-embedded rat ovary using TriMethyl-Histone H3-K27 antibody at dilution of 1:100 (40x lens).

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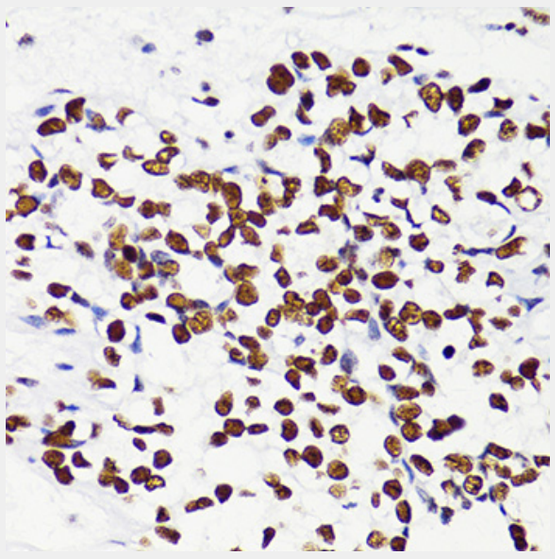
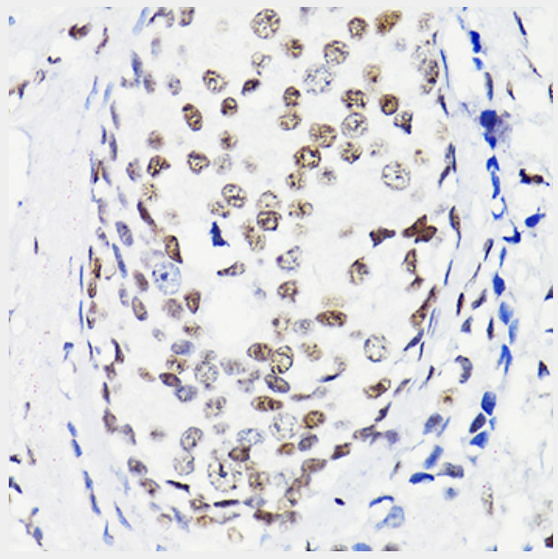
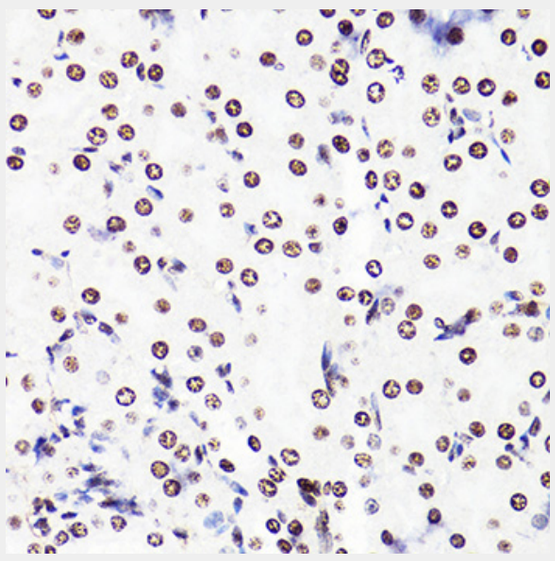


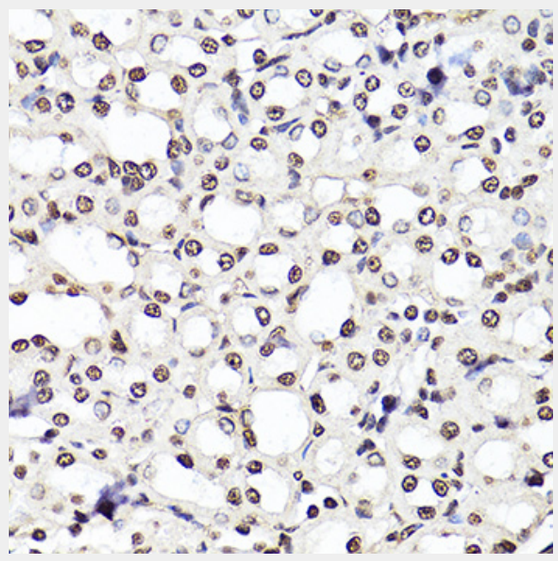
Immunohistochemistry of paraffin-embedded mouse kidney using TriMethyl-Histone H3-K27 antibody at dilution of 1:100 (40x lens).



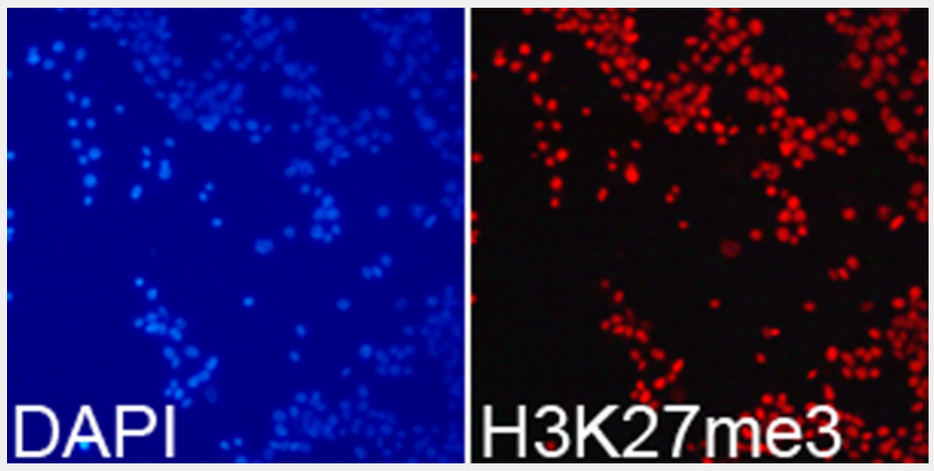
Immunohistochemistry of paraffin-embedded human breast using TriMethyl-Histone H3-K27 antibody at dilution of 1:100 (40x lens).



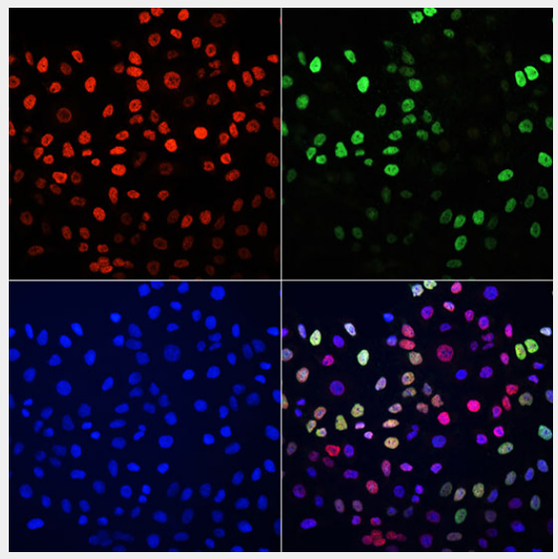
Immunohistochemistry of paraffin-embedded human breast cancer using TriMethyl-Histone H3-K27 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using TriMethyl-Histone H3-K27 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of 293T cells using TriMethyl-Histone H3-K27 antibody. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using TriMethyl-Histone H3-K27 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.