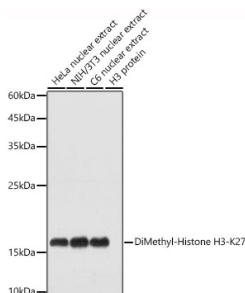


Anti-Histone H3 (di methyl Lys27) Antibody (A16710)

Specifications:

Name:	Anti-Histone H3 (di methyl Lys27) Antibody
Description:	Rabbit polyclonal antibody to Histone H3 (di methyl Lys27).
Applications:	WB, ICC/IF, IP, ChIP, ChIP-seq
Recommended Dilutions:	WB: 1:500-1:1,000, ICC/IF: 1:50-1:200, IP: 1:50-1:200, ChIP: 1:20-1:100, ChIP-seq: 1:20-1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic dimethylated peptide around K27 of human histone H3 (NP_003520.1).
Sequence:	ARKSA
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	17 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

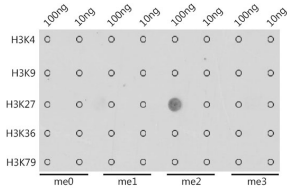
Images:



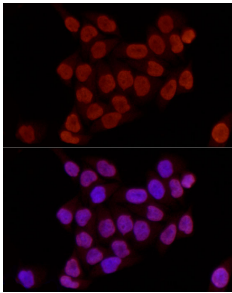
Western blot analysis of extracts of various cell lines, using Anti-Histone H3 (di methyl Lys27) Antibody (A16710) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 5s.

Anti-Histone H3 (di methyl Lys27) Antibody (A16710)

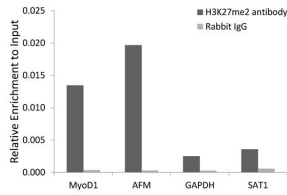
Images continued:



Dot blot analysis of a mixture of methylation peptides using Anti-Histone H3 (di methyl Lys27) Antibody (A16710) at a 1:1,000 dilution.



Immunofluorescence analysis of HeLa cells using Anti-Histone H3 (di methyl Lys27) Antibody (A16710) at a dilution of 1:20 (40x lens). DAPI was used to stain the cell nuclei (blue).



Chromatin immunoprecipitation (ChIP) analysis of extracts of 293 cell line, using Anti-Histone H3 (di methyl Lys27) Antibody (A16710) and Rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.