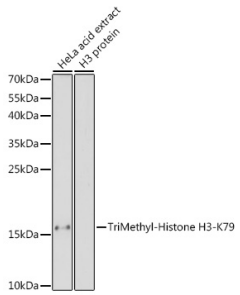
Anti-Histone H3 (tri methyl Lys79) Antibody (A16717)

Specifications:

Name:	Anti-Histone H3 (tri methyl Lys79) Antibody
Description:	Rabbit polyclonal antibody to Histone H3 (tri methyl Lys79).
Applications:	WB, IHC, ICC/IF, IP, ChIP, Dot Blot
Recommended Dilutions:	DB: 1:500-1:2,000, WB: 1:500-1:1,000, IHC: 1:50-1:200, ICC/IF: 1:50-1:200, ChIP: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic trimethylated peptide around K79 of human histone H3 (NP_003520.1).
Sequence:	DFKTD
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 0.05% Proclin 300.
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 HeLa cells, using Anti-Histone H3 (tri methyl Lys79) Antibody (A16717) 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: 300s.

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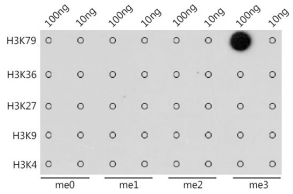
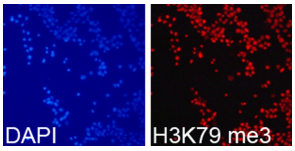
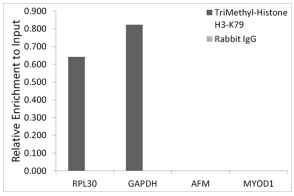
Images continued:



Dot blot analysis of a mixture of methylation peptides using Anti-Histone H3 (tri methyl Lys79) Antibody (A16717) at a 1:1,000 dilution.



Immunofluorescence analysis of 293T cells using Anti-Histone H3 (tri methyl Lys79) Antibody (A16717). DAPI was used to stain the cell nuclei (blue).



Chromatin immunoprecipitation (ChIP) analysis of extracts of HeLa cells, using Anti-Histone H3 (tri methyl Lys79) Antibody (A16717) 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.