

## Anti-Histone H3 (di methyl Lys79) Antibody (A16716)

### Specifications:

Name:	Anti-Histone H3 (di methyl Lys79) Antibody
Description:	Rabbit polyclonal antibody to Histone H3 (di methyl Lys79).
Applications:	WB, IHC, ICC/IF, IP, ChIP, ChIP-seq
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:100, ICC/IF: 1:50-1:200, IP: 1:500-1:1,000, ChIP: 1:500-1:1,000, ChIP-seq: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic dimethylated 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 0.01% Thiomersal.
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.

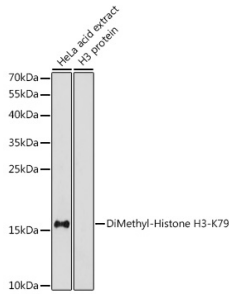
### Images:



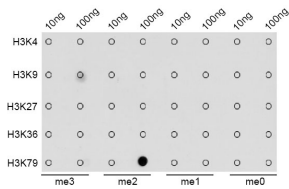
Chromatin immunoprecipitations analysis of cross-linked chromatin from K-562 cells, using Anti-Histone H3 (di methyl Lys79) Antibody (A16716). The ChIP sequencing results indicate the enrichment pattern of DiMethyl-Histone H3-K79 in selected genomic region and representative gene loci (GAPDH), as shown in figure.

## Anti-Histone H3 (di methyl Lys79) Antibody (A16716)

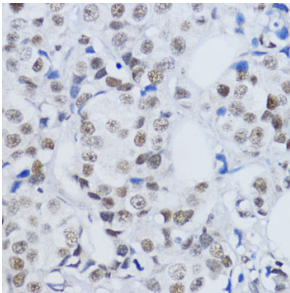
Images continued:



Western blot analysis of extracts of HeLa cells, using Anti-Histone H3 (di methyl Lys79) Antibody (A16716) 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: 90s.



Dot blot analysis of a mixture of methylation peptides using Anti-Histone H3 (di methyl Lys79) Antibody (A16716).



Immunohistochemistry analysis of paraffin-embedded human mammary cancer using Anti-Histone H3 (di methyl Lys79) Antibody (A16716) at a dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.