

## Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050] (A306148)

### Specifications:

Name:	Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050]
Description:	Rabbit monoclonal antibody to Histone H3 (tri methyl Lys36).
Applications:	WB, IHC, IP, ChIP, ChIP-seq, Dot Blot
Recommended Dilutions:	DB: 1:500-1:1,000, WB: 1:500-1:1,000, IP: 1:500-1:1,000, IHC: 1:50-1:200, ChIP: 1:50-1:200, ChIP-seq: 1:50-1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic trimethylated peptide around K36 of human Histone H3 (NP_003520.1).
Sequence:	GVKKP
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC50050
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, 0.05% BSA, 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.

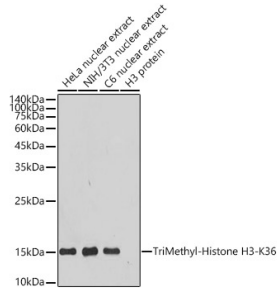
### Images:



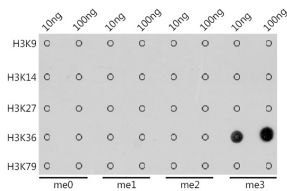
Chromatin immunoprecipitations analysis of cross-linked chromatin from HeLa cells, using Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050] (A306148). The ChIP sequencing results indicate the enrichment pattern of H3K36me3 in selected genomic region and representative gene loci (GAPDH), as shown in figure.

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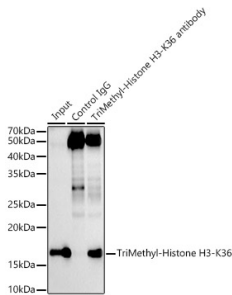
Images continued:



Western blot analysis of extracts of various cell lines, using Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050] (A306148) 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: 10s.



Dot blot analysis of a mixture of peptides using Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050] (A306148) at a 1:1,000 dilution.



Immunoprecipitation analysis of 600µg extracts of 293F cells using 5µg of Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050] (A306148). This Western blot was performed on the immunoprecipitate using Anti-Histone H3 (tri methyl Lys36) Antibody [ARC50050] (A306148) at a dilution of 1:1000.