

Histone H4R3me2a Antibody

Product Code	CSB-PA953294
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	GeneID:8290SwissProt:Q16695
Immunogen	A synthetic methylated peptide corresponding to residues surrounding Arg3 of Human histone H4
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IF,IP,ChIP;WB:1:500-1:2000,IF:1:50-1:200,IP:1:50-1:200,ChIP:1:50-1:200

Relevance

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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element.

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

Purification Method Antigen Affinity Purified

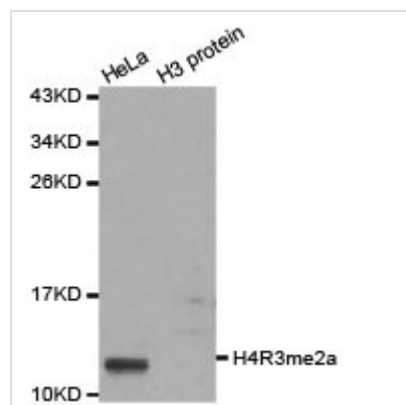
Clonality Polyclonal

Alias H3t; H3.4; H3/g; H3FT;

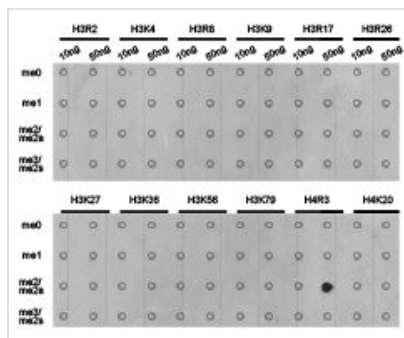
Product Type Polyclonal Antibody

Target Names HIST3H3

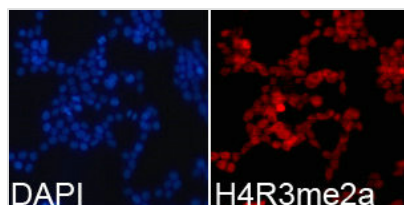
Image



Western blot analysis of extracts of HeLa cell line and H3 protein expressed in E.coli., using H4R3 me2a antibody.



Dot-blot analysis of all sorts of methylation peptides using H4R3 me2a antibody.



Immunofluorescence analysis of 293T cell using H4R3me2a antibody. Blue: DAPI for nuclear staining.

Product Modify

R3me2a