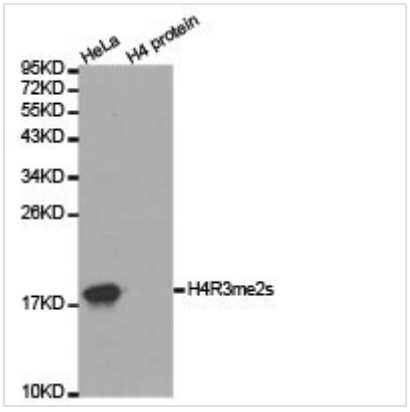
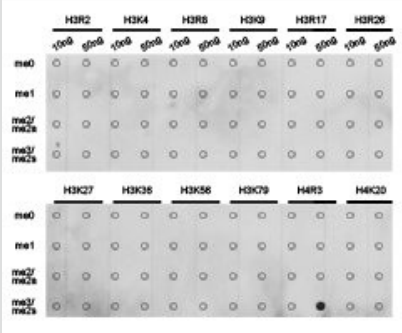
Histone H4R3me2s Antibody

Product Code	CSB-PA959449
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	GeneID:8290SwissProt:Q16695
Immunogen	A synthetic peptide corresponding to the amino terminus of histone H4 in which Arg3 is di-methylated.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:2000,IHC:1:50-1:200,IF:1:50-1:200
Relevance	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.
Form	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Clonality	Polyclonal
Alias	H4; H4/n; H4F2; H4FN; FO108; HIST2H4
Product Type	Polyclonal Antibody
Target Names	HIST3H3

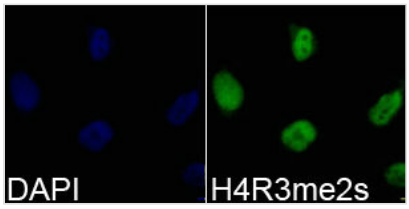
Image



Western blot analysis of extracts of HeLa cell line and H4 protein expressed in E.coli., using H4R3me2s antibody.



Dot-blot analysis of all sorts of methylation peptidesusing H4R3me2s antibody.



Immunofluorescence analysis of 293T cell using H4R3me2s antibody. Blue: DAPI for nuclear staining.

Product Modify R3me2s