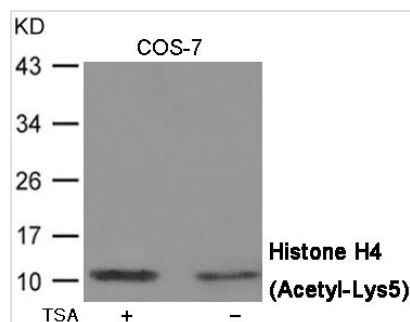


Acetyl-Histone H4 (Lys5) Antibody

Product Code	CSB-PA833785
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62805
Immunogen	Peptide sequence around acetylation site of Lysine 5(S-G-R(p)-G-K) derived from Human Histone H4.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat,Monkey
Specificity	The antibody detects endogenous level of Histone H4 only when acetylated at Lysine 5.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic acetylpeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific acetylpeptide. Non-acetyl specific antibodies were removed by chromatography using
Clonality	Polyclonal
Alias	H4, H4/n, H4F2, H4FN, FO108
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	HIST1H4A

Image



Western blot analysis of extracts from COS-7 cells untreated or treated with TSA, using Histone H4 (Acetyl-Lys5) Antibody.



Product Modify

Acetyl-Lys5