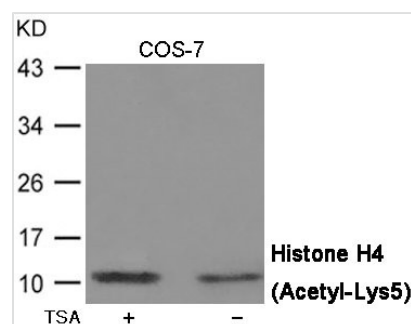




Acetyl-Histone H4 (Lys5) Antibody

| | |
|----------------------------|--|
| 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 chromatogramphy 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