



ELK Biotechnology

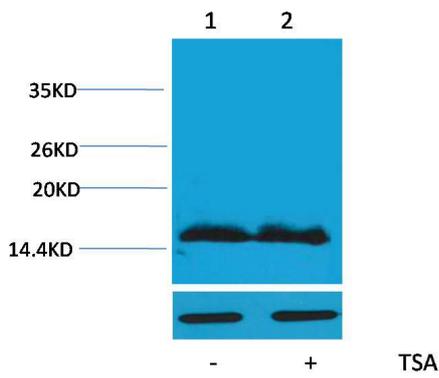
Histone H4(Acetyl Lys91) Rabbit pAb

Catalog NO.: EA120

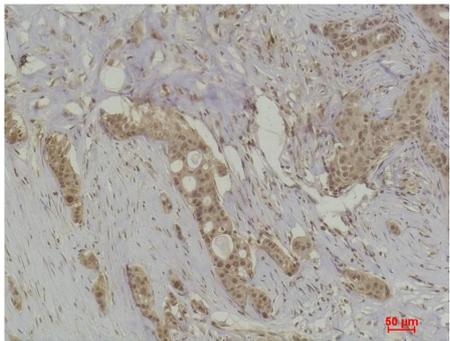
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Overview

Product name	Histone H4(Acetyl Lys91) Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	14kDa
GenelD (Human)	8294
Human Swiss-Prot No.	P62805
Cellular localization	Nucleus,Chromosome
Alternative Names	Histone 1 H4 antibody, HIST1H4K antibody, MGC24116 antibody, dJ160A22.2 antibody
Background	Histone H4 is one of the 5 main histone proteins involved in the structure of chromatin in eukaryotic cells. H4 is a structural component of the nucleosome, and is subject to covalent modification, including acetylation and methylation, which may alter expression of genes located on DNA associated with its parent histone octamer.



Western blot analysis of extracts from HeLa cells, untreated (-) or treated with TSA (1 μ M, 18 hr; +), using Acetyl-Histone H4(Lys91) Rabbit pAb (upper) EA120 1:2,000 and β -actin Mouse mAb (lower) EM1031 1:5,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H4 (Acetyl Lys91) (EA120) Rabbit pAb diluted at 1:500.