



# Anti-H4 polyclonal antibody (CABT-BL1743)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 50 to the C-terminus of Human Histone H4, acetylated at K91.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Cow, <i>S. cerevisiae</i>
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ChIPseq, IP, ChIP
<b>Cellular Localization</b>	Nucleus. Chromosome.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	1% BSA, PBS, pH 7.4
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	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
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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.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">280691</a>
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Protein Refseq	<a href="#">NP_776305</a>
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UniProt ID	<a href="#">P62803</a>
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