



Anti-H4 polyclonal antibody (CABT-BL1743)

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

PRODUCT INFORMATION

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

BACKGROUND

Introduction 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.

GENE INFORMATION

Entrez Gene ID	<u>280691</u>
Protein Refseq	<u>NP_776305</u>
UniProt ID	<u>P62803</u>