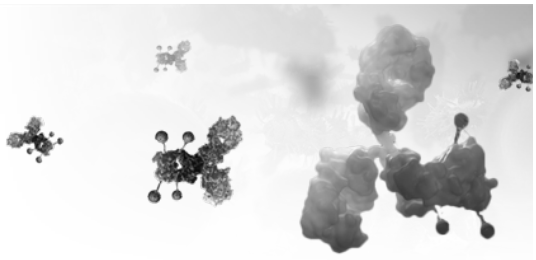

Anti-HIST2H3C polyclonal antibody (CABT-BL1816)

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

PRODUCT INFORMATION

Immunogen	Synthetic acetylated peptide corresponding to residues surrounding Lys9 of histone H3, conjugated to KLH.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	protein A and peptide affinity chromatography
Conjugate	Unconjugated
Applications	WB, IHC, ICC, ELISA
Format	Liquid
Buffer	PBS containing 50% glycerol and 0.03% sodium azide.
Preservative	0.03% Sodium Azide
Storage	4-20°C for long term storage

BACKGROUND

Introduction	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a

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linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the telomeric copy.

GENE INFORMATION

Entrez Gene ID	126961
Protein Refseq	NP_066403.2
UniProt ID	Q71DI3

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