



Anti-HIST1H2AI (internal region) polyclonal antibody (CABT-BL1808)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide from internal region of human Core histone macro-H2A.1 conjugated to an immunogenic carrier protein was used as the antigen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Whole serum
Conjugate	Unconjugated
Applications	IHC, WB
Format	Lyophilised
Preservative	None
Storage	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Ship	This item will be shipped to you at ambient temperature in a lyophilised form.

BACKGROUND

Introduction	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B,
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H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Jul 2008]

GENE INFORMATION

Entrez Gene ID	8329
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Protein Refseq	NP_003500.1
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UniProt ID	A4FTV9
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