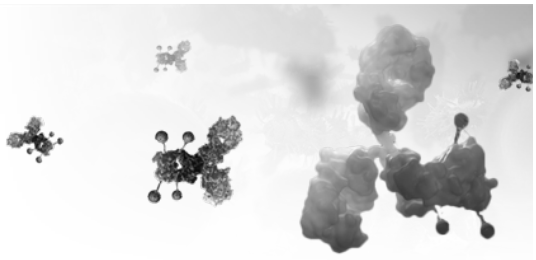

Rabbit Anti-Human Histone H2A monoclonal antibody, clone SN336 (CABT-L1340)

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

PRODUCT INFORMATION

Specificity	This antibody reacts to the Histone H2A protein, independent of post-translational modifications. No cross reactivity with other histone proteins.
Target	HIST2H2AC
Immunogen	Peptide corresponding to the C-terminus of human Histone H2A.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	SN336
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ELISA, ICC, IF, WB
Format	Liquid
Concentration	1 mg/ml
Buffer	PBS, pH 7.2-7.4, with 50% glycerol, 1% BSA
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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, 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 H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.
Keywords	HIST2H2AC;histone cluster 2, H2ac;H2A;H2A/q;H2AFQ;H2A-GL101;histone H2A type 2-C;histone IIa;histone H2A/q;histone 2, H2ac;histone H2A-GL101;H2A histone family, member Q

GENE INFORMATION

Entrez Gene ID	8338
UniProt ID	Q16777

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