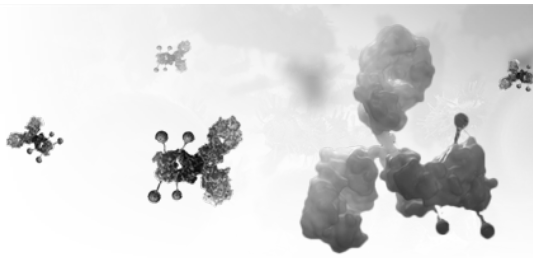

Anti-HIST1H2BC (full length) polyclonal antibody (DPAB-DC3416)

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

PRODUCT INFORMATION

Antigen Description	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 H2B 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.
Immunogen	HIST1H2BC (AAH09612, 1 a.a. ~ 126 a.a) full-length recombinant protein with GST tag. The sequence is MPEPAKSAPAPKKGSKKAVTKAQKKDGKKRKRSRKESYSVYVYKVLKQVHPDTGISSKAM GIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT KYTSSK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	HIST1H2BC histone cluster 1, H2bc [Homo sapiens (human)]
Official Symbol	HIST1H2BC
Synonyms	HIST1H2BC; histone cluster 1, H2bc; H2B.1; H2B/l; H2BFL; dJ221C16.3; histone H2B type 1-C/E/F/G/I; histone H2B.l; histone 1, H2bc; histone H2B.1 A; H2B histone family, member L;
Entrez Gene ID	8347
Protein Refseq	NP_003517
UniProt ID	B2R4S9
Chromosome Location	6p22.1
Pathway	Alcoholism; Amyloids; Cell Cycle, Mitotic; Cellular responses to stress
Function	DNA binding; protein heterodimerization activity;

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